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SIMTEK CORP
Form POS AM
August 27, 2003

As filed with the Securities and Exchange Commission on August 27, 2003
Registration 333-104854

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Post Effective Amendment No. 2 to Form SB-2
REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

SIMTEK CORPORATION
(Exact name of registrant as specified in its charter)

Colorado
(State or other jurisdiction
of incorporation or organization)

84-1057605
(I.R.S. Employer
Identification No.)

4250 Buckingham Dr. #100
Colorado Springs, Colorado 80907
(719) 531-9444
(Address, including zip code, and telephone number,
including area code, of Principal Executive Offices)

Douglas M. Mitchell
Chief Executive Officer, President and Chief Financial Officer (acting)
Simtek Corporation
4250 Buckingham Dr. #100
Colorado Springs, CO 80907
(719) 531-9444
(Name, address, including zip code and telephone
number, including area code, of agent for service)

Copies to:
Garth B. Jensen, Esq.
Holme Roberts & Owen LLP
1700 Lincoln, Suite 4100
Denver, CO 80203
(303) 861-7000

Approximate Date of Commencement of Proposed Sale to the Public: From time
to time after the effective date of this Registration Statement.

If this Form is filed to register additional securities for an offering
pursuant to Rule 462(b) under the Securities Act, check the following box and
list the Securities Act registration statement number of the earlier effective
registration statement for the same offering. []

If this Form is a post-effective amendment filed pursuant to Rule 462(c)
under the Securities Act, check the following box and list the Securities Act
registration statement number of the earlier effective registration statement
for the same offering. []

If this Form is a post-effective amendment filed pursuant to Rule 462 (d)
under the Securities Act, check the following box and list the Securities Act

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registration statement number of the earlier effective registration statement for the same offering. []

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. []

If any of the securities being registered on this form are being offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

CALCULATION OF REGISTRATION FEE

| Title of each class of securities to be registered | Amount to be registered | Proposed maximum offering price per share(2) | Proposed maximum aggregate offering price(1) | Amount of registration fee |
|--|-------------------------|--|--|----------------------------|
| Common stock, \$.01 par value per share(1) | 9,615,384 shares | \$0.255 | \$2,451,923 | \$198.36 |

- (1) Issuable upon conversion of convertible debentures issued to the selling securityholders.
- (2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(c).
- (3) A registration fee of \$198.36 was previously paid; accordingly, no additional registration fee is due at this time.

THE REGISTRANT HEREBY AMENDS THIS REGISTRATION STATEMENT ON SUCH DATE OR DATES AS MAY BE NECESSARY TO DELAY ITS EFFECTIVE DATE UNTIL THE REGISTRANT SHALL FILE A FURTHER AMENDMENT WHICH SPECIFICALLY STATES THAT THIS REGISTRATION STATEMENT SHALL THEREAFTER BECOME EFFECTIVE IN ACCORDANCE WITH SECTION 8 (A) OF THE SECURITIES ACT OF 1933 OR UNTIL THE REGISTRATION STATEMENT SHALL BECOME EFFECTIVE ON SUCH DATE AS THE COMMISSION, ACTING PURSUANT TO SAID SECTION 8(A), MAY DETERMINE.

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The information in this preliminary prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This preliminary prospectus is not an offer to sell these securities nor does it seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

PROSPECTUS (SUBJECT TO COMPLETION) DATED AUGUST 27, 2003

9,615,384 Shares

SIMTEK CORPORATION

Common stock

This prospectus is being used to register 9,615,384 shares of Simtek Corporation's common stock being offered by Renaissance Capital Group, Inc. as agent for three investment funds, Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC. These shares are issuable upon conversion of debentures issued to the investment funds.

Our common stock is traded on the OTC Bulletin Board under the symbol "SRAM." On August 25, 2003, 2003, the closing sale price of our common stock was \$0.77 per share.

SEE "RISK FACTORS" BEGINNING ON PAGE 5 TO READ ABOUT FACTORS YOU SHOULD CONSIDER BEFORE BUYING OUR STOCK.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this Prospectus is August 27, 2003.

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SUMMARY

This summary highlights selected information from this prospectus and does not contain all of the information that may be important to you. Please carefully read the entire prospectus and the documents incorporated by reference.

OUR COMPANY

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We develop, market and subcontract the production of nonvolatile semiconductor memories and programmed semiconductor logic products. Nonvolatility prevents loss of programs and data when electrical power is removed from the semiconductor. Our memory products feature fast data access and programming speeds. Our logic products route electronic signals to perform tasks in electronic systems that use our products. All of our products are targeted for use in commercial or military electronic equipment markets. These markets are industrial control systems, office automation, medical instrumentation, telecommunication systems, cable television, and numerous military systems, including communications, radar, sonar and smart weapons. Our wholly owned subsidiary, Q-DOT Group, Inc., specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications.

Our principal executive office is located at 4250 Buckingham Dr. #100; Colorado Springs, Colorado 80907. Our telephone number is 719-531-9444.

THE OFFERING

We are registering 9,615,384 shares of our common stock that may be offered for resale by Renaissance Capital Group, Inc. as agent for three investment funds, Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC. We refer to these investment funds as the "selling securityholders."

On July 1, 2002, we received \$3,000,000 from the selling securityholders in return for issuing 7.5% convertible debentures with an aggregate principal amount of \$3,000,000. The convertible debentures have a conversion rate of \$0.312 and a maturity date of June 28, 2009.

SUMMARY FINANCIAL INFORMATION

In the table below, we provide you with our summary financial information. The summary financial information presented below is not necessarily comparable from period to period and you should read it together with our historical financial statements and related notes.

| | Year Ended December 31, | | Six Months Ended Jun | |
|-------------------------------|-------------------------|----------------|----------------------|-------|
| | 2002 | 2001 | 2003 | |
| | ----- | ----- | ----- | |
| | | | (Unaudited) | (Una |
| Statement of Operations Data: | | | | |
| Net revenues..... | \$14,326,705 | \$16,950,487 | \$ 7,355,100 | \$ 7, |
| Total expenses..... | 15,289,572 | 18,066,206 | 8,808,489 | 8, |
| Operating loss..... | (859,240) | (1,120,291) | (1,453,389) | (|
| Loss before taxes..... | (962,867) | (1,120,350) | (1,453,389) | (|
| Net loss..... | \$ (962,867) | \$ (1,120,350) | \$ (1,453,389) | \$ (|
| Net loss per share: | | | | |
| Basic and diluted..... | \$ (.02) | \$ (.02) | \$ (.03) | \$ |
| | ===== | ===== | ===== | ===== |

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| | Year Ended December 31, 2002 ----- | Six Months Ended June 30, 2003 ----- (Unaudited) |
|--------------------------------|--|---|
| Balance Sheet Data: | | |
| Cash and cash equivalents..... | \$3,127,732 | \$2,325,672 |
| Working capital..... | 5,828,591 | 1,241,933 |
| Total assets..... | 8,507,050 | 7,462,894 |
| Shareholders' equity..... | 3,663,683 | 2,221,764 |

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RISK FACTORS

You should consider carefully the following risk factors, as well as the other information in this prospectus before buying our shares. The semiconductor industry is changing rapidly. Therefore, the forward-looking statements and statements of expectations, plans and intent in this prospectus are subject to a greater degree of risk than similar statements regarding some other industries.

OUR LIMITED OPERATING CAPITAL AND OUR ABILITY TO RAISE ADDITIONAL MONEY MAY HARM OUR ABILITY TO DEVELOP AND MARKET OUR PRODUCTS

To date, we have required significant capital for product development, subcontracted production and marketing. We have funded this from the sale of products, the sale of product and technology licenses and from royalties as well as from the sale of our convertible debt and equity securities.

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We have not seen an increase in our product sales in the past year and our gross margins are not what we have anticipated. Therefore, our cash requirements for the development, subcontracted production and marketing of our existing product families have been difficult to maintain. We are not sure, however, whether we will be able to achieve this increase in product sales and gross margins. We may need more capital in the next year and after that to develop new products. We are not sure that we will be able to raise more capital on reasonable terms, if at all. If we cannot, then we may not be able to develop and market new products. The development, subcontracted production and marketing of our existing products may also suffer, causing our financial position and stock price to deteriorate.

WE MAY EXPERIENCE OPERATING LOSSES IN THE NEXT SEVERAL YEARS

We began business in 1987. Through June 30, 2003, we had accumulated losses of approximately \$36.0 million. We realized net income for the first time for the year ended December 31, 1997 and continued to realize net income through June 30, 2000. Subsequent to June 30, 2000 and through June 30, 2003, we realized net losses primarily as a result of accounting charges from the purchase of incomplete research and development in September 2000, decreased revenue, decreased gross margins and increased research and development costs related to new product development. We may continue to experience net operating losses for the foreseeable future. Continuing net operating losses could materially harm our results of operations, increase our need for additional capital in the future, and hurt our stock price. See "Management's Discussion and Analysis of Financial Condition and Results of Operations -- Net Loss -Semiconductor Devices, Net (Loss) -- Government Contracts."

WE MIGHT NOT BE ABLE TO RE-GAIN COMPLIANCE WITH CERTAIN COVENANTS SET FORTH IN OUR LOAN AGREEMENT WITH RENAISSANCE CAPITAL GROUP; IF WE ARE UNABLE TO DO SO, RENAISSANCE CAPITAL GROUP COULD ACCELERATE THE \$3 MILLION LOAN AND FORECLOSE ON THE COLLATERAL THAT WE GRANTED TO IT

Our loan agreement with Renaissance Capital Group contains various financial covenants. Currently, we are not in compliance with all of the financial covenants. Renaissance Capital Group has granted us a waiver through October 1, 2003 with respect to such covenants. Although we are attempting to reach compliance by October 1, 2003, we cannot assure you that we will be able to achieve such compliance. If we do not regain compliance, Renaissance Capital Group has the right to accelerate our payment obligation for the entire \$3 million at any time and to foreclose on the security interest it holds in all of our accounts, property, licenses, intellectual property and other assets. Such acceleration or foreclosure could harm our business and our stock price.

BECAUSE OUR COMMON STOCK IS LISTED ONLY ON THE OTC ELECTRONIC BULLETIN BOARD, IT WILL BE MORE DIFFICULT TO SELL OUR COMMON STOCK

Our common stock is listed on the OTC Electronic Bulletin Board under the symbol "SRAM." Our common stock was listed on the Nasdaq Small-Cap Market until July 18, 1995, but, because we no longer met Nasdaq's listing requirements,

our common stock transferred to the OTC Electronic Bulletin Board as mandated by Nasdaq rules. We may not be able to meet the requirements for relisting our

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common stock on Nasdaq in the near future or in the longer term.

Securities that are not listed on the Nasdaq Small-Cap Market are subject to a Securities and Exchange Commission rule that imposes special requirements on broker-dealers who sell those securities to persons other than their established customers and accredited investors. The broker-dealer must determine that the security is suitable for the purchaser and must obtain the purchaser's written consent prior to the sale. These requirements may make it more difficult for our security holders to sell their securities and may affect our ability to raise more capital. It may also make it harder for you to sell our stock than the stock of some other companies.

IF WE CANNOT REACH AN ACCEPTABLE AGREEMENT WITH CHARTERED SEMICONDUCTOR MANUFACTURING ABOUT MOVING THE PRODUCTION OF SOME OF OUR MEMORY PRODUCTS TO ANOTHER FABRICATION FACILITY, OUR REVENUES, EARNINGS AND STOCK PRICE COULD SUFFER

We received notification from Chartered Semiconductor Manufacturing that they will close their wafer fabrication facility #1 by March 2004. We currently purchase silicon wafers, the raw materials used to produce our nonvolatile semiconductor memory products, from fabrication facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the manufacturing process of our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Chartered Semiconductor Manufacturing's facility #2 is newer and more modern than its facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to 12 months. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into Chartered Semiconductor Manufacturing's facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

BECAUSE UNITED MICROELECTRONICS WILL BE UNABLE TO SUPPLY US WITH OUR SILICON WAFERS AFTER AUGUST 2003, OUR REVENUES MAY DECREASE AND OUR STOCK PRICE MAY FALL

We received notification from United Microelectronics that it will be unable to supply us with the silicon wafers that we use to produce our programmed semiconductor logic products after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market. These products accounted for approximately 7% of our revenues in 2002. If revenues from our other products do not increase, our total revenues and stock price may fall.

SINCE WE DEPEND GREATLY ON SUBCONTRACTORS, THEIR POOR PERFORMANCE COULD HURT OUR OPERATIONS

We subcontract the silicon wafer processing, product assembly, and product testing portions of our business to independent companies. Our operating results depend on these subcontractors' ability to supply us with silicon wafers that meet our specifications and to assemble and test enough of our products to meet our customers' needs.

Currently, we depend on Chartered Semiconductor Manufacturing to manufacture all of our silicon wafers for our 0.8 micron memory products and

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0.35 micron logic products, which account for collectively approximately 80% of our total revenue for 2002. We depend on United Microelectronics Group of Taiwan to manufacture all of our silicon wafers for our 0.5 micron logic products, which account for approximately 7% of our total revenue for 2002. These wafers are the raw materials required to manufacture our semiconductor products. Without these wafers, we would be unable to sell our products. If Chartered Semiconductor Manufacturing or United Microelectronics Group is unable to meet our silicon wafer needs on time and at a price that we find acceptable, we would have to find other wafer manufacturers. If we cannot find other suppliers, manufacturers or assemblers on acceptable terms, we may not be profitable. In addition, our subcontractors must be audited and recertified by us on a regular basis for us to continue to produce military-qualified products. We cannot assure you that we will be able to complete this recertification successfully or in a timely manner.

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THE UNCERTAINTY INVOLVED IN MANUFACTURING SEMICONDUCTORS MAY INCREASE THE COSTS AND DECREASE THE PRODUCTION OF OUR PRODUCTS

In order for us to be profitable, we must keep our manufacturing costs down and secure the production of sufficient product. Semiconductor manufacturing depends on many factors that are very complex and beyond our control and often beyond the control of our subcontractors. These factors include contaminants in the manufacturing environment, impurities in the raw materials used and equipment malfunctions. Under our arrangements with our subcontractors, our subcontractors pass on to us substantially all of their costs that are unique to the manufacture of our products. Accordingly, these factors could increase the cost of manufacturing our products and decrease our profits. These factors could also reduce the number of semiconductors that our subcontractors are able to make in a production run. If our subcontractors produce fewer of our products, our revenues may decline.

DELAYS IN MANUFACTURING MAY NEGATIVELY IMPACT OUR REVENUE AND NET INCOME

It takes approximately three months for us to manufacture our semiconductors. Any delays in receiving silicon wafers from our subcontractors will delay our ability to deliver our products to customers. This would delay sales revenue and could cause our customers to cancel existing orders or not place future orders. In addition, if we are not able to make all of our planned semiconductors in a production run this could delay delivery of our products. These delays could occur at any time and would affect our net income.

WE DEPEND ON INDEPENDENT SALES REPRESENTATIVES AND DISTRIBUTORS TO SELL OUR PRODUCTS AND THE TERMINATION OF ANY OF THESE RELATIONSHIPS MAY HARM OUR REVENUE

We use independent sales representatives and distributors to sell the majority of our products. The agreements with these sales representatives and distributors can be terminated without cause by either party with only 30 to 90 days written notice. If one or more of our sales representatives or distributors terminates our relationship, we may not be able to find replacement sales representatives and distributors on acceptable terms or at all. This would affect our profitability. In addition, during 2002 approximately 12 % of our product sales were to one distributor and during the first six months of 2003, approximately 29% of our product sales were to two distributors. We are not sure that we will be able to maintain our relationship with these distributors.

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DELAYS IN OR FAILURE OF PRODUCT QUALIFICATION MAY HARM OUR BUSINESS

Prior to selling a product, we must establish that it meets expected performance and reliability standards. As part of this testing process, known as product qualification, we subject representative samples of products to a variety of tests to ensure that performance in accordance with commercial, industrial and military specifications, as applicable. If we are unable to successfully accomplish product qualification for our future products, we will be unable to sell these future products. Even with successful initial product qualifications, we cannot be assured that we will be able to maintain product qualification or achieve sufficient sales to meet our operating requirements.

SINCE THE SEMICONDUCTOR INDUSTRY IS FAST CHANGING, OUR SUCCESS DEPENDS ON OUR ABILITY TO INTRODUCE NEW PRODUCTS

The semiconductor industry is characterized by rapid changes in technology and product obsolescence. Our success in the semiconductor industry depends in part upon our ability to expand our existing product families and to develop and market new products. The technology we currently use may be made obsolete by other competing or newly developed memory or other technologies. The development of new semiconductor designs and technologies typically requires substantial costs for research and development. Even if we are able to develop new products, the success of each new product depends on several factors including whether we selected the proper product and our ability to introduce it at the right time, whether the product is able to achieve acceptable production yields and whether the market accepts the new product. We cannot guarantee you that we will be successful in developing new products or whether any products that we do develop will satisfy the above factors. In August 2003, we reported that we received the first complete processed silicon from this development, and that positive initial test results indicate that samples of a new 1 megabit 3 volt nonvolatile semiconductor memory product are on schedule for shipment to prospective customers in the middle of the third quarter of 2003. We cannot assure you that

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we will not discover technical problems or manufacturing concerns with this new product, that demand will develop for the new product or that we will be able to sell this new product at a profit.

THE CYCLICALITY OF THE SEMICONDUCTOR INDUSTRY MAY PREVENT US FROM MAINTAINING A CONSISTENT REVENUE STREAM AND MAY HARM OUR STOCK PRICE

The semiconductor industry has historically experienced significant peaks and valleys in sales volumes resulting in large variations of revenues and resulting profits or losses. We do not have direct influence on the nature of the broad semiconductor market. Variations in the revenues and profits within the semiconductor industry may cause us significant losses in the future. If the stock prices of many semiconductor companies decrease, our stock price may also suffer. Recently, the semiconductor industry has experienced increased losses and the stock prices of many semiconductor companies, including us, have fluctuated.

OUR AGREEMENT WITH ANAM SEMICONDUCTOR TO CO-DEVELOP A SEMICONDUCTOR PROCESS MODULE THAT COMBINES OUR NONVOLATILE TECHNOLOGY WITH THEIR ADVANCED 0.25 MICRON

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DIGITAL COMPLEMENTARY METAL-OXIDE SEMICONDUCTOR FABRICATION WILL RESULT IN SIGNIFICANT EXPENDITURES

We entered into an agreement with Amkor Technology to cooperate to develop a semiconductor process module that combines our nonvolatile technology with Amkor's advanced 0.25 micron digital complementary metal-oxide semiconductor, or "CMOS," fabrication line. The module will incorporate silicon oxide nitride oxide silicon technology, which will be used to manufacture both high density silicon oxide nitride oxide silicon flash and nonvolatile Static Random Access memories, for stand alone and embedded products. During 2002, our research and development team along with Amkor's research and development team worked aggressively on the co-development program. The co-development program is scheduled to yield a qualified 1 megabit 3.0 volt nonvolatile Static Random Access memory as the primary development vehicle. In February 2003, Amkor Technology sold a controlling interest of their wafer fabrication facility to Anam Semiconductor. All contractual obligations were transferred to Anam U.S.A., a wholly-owned subsidiary of Anam Semiconductor. Our co-development program has not been affected by the change in ownership and we do not expect any material changes in the support required to complete the program. There could, however, be changes made by the newly combined management team that could postpone or cancel this co-development project.

Since entering into the agreement with Amkor Technology we estimate that we have spent approximately \$3,100,000 in development costs. These costs include increases in headcount, contract engineering services, equipment leases, maintenance agreements for software and wafer fabrication costs. If Anam Semiconductor terminates our agreement there is no guarantee that we could find a suitable replacement. If we cannot find a replacement, a significant delay and cost increase in the introduction of new products could result.

THE INTENSE COMPETITION IN THE SEMICONDUCTOR INDUSTRY MAY CAUSE US TO LOSE SALES REVENUE TO OTHER SUPPLIERS

There is intense competition in the semiconductor industry. We experience competition from a number of domestic and foreign companies, most of which have significantly greater financial, technical, manufacturing and marketing resources than we have. Our competitors include major corporations with worldwide silicon wafer fabrication facilities and circuit production facilities and diverse, established product lines. We also compete with emerging companies attempting to obtain a share of the market for our product families. If any of our new products achieve market acceptance, other companies may sell competitive products at prices below ours. This would have an adverse effect on our operating results. We have sold product and technology licenses to Zentrum Mikroelektronik Dresden. We have granted this company unlimited rights to much of our technology through its license agreements with us. Zentrum Mikroelektronik Dresden has entered the market and has become one of our significant competitors.

GIVEN THE SCARCITY OF TRAINED PERSONNEL IN THE SEMICONDUCTOR INDUSTRY, THE LOSS OF KEY EMPLOYEES COULD MATERIALLY AFFECT OUR FINANCIAL RESULTS

Our success depends in large part on our ability to attract and retain qualified technical and management personnel. There are limited personnel trained in the semiconductor industry resulting in intense competition for these personnel. If we lose any of our key personnel, this could have a material adverse affect on our ability to conduct our business and on our financial results.

OUR PATENTS MAY NOT PROVIDE US EFFECTIVE INTELLECTUAL PROPERTY PROTECTION; THIS COULD HARM OUR BUSINESS

We have been issued 26 U.S. patents relating to specific aspects of our current products and we have four applications pending. We have also applied outside the United States for patents on our technology. We plan to continue to protect our intellectual property. We are not sure that any of the patents for which we have applied will be issued or, even if they are issued, will provide us with meaningful protection from competition. We may also not have the money required to maintain or enforce our patent rights. Notwithstanding our patents, other companies may obtain patents similar or relating to our patents.

We seek to protect a significant portion of our intellectual property as trade secrets, rather than patents. Unlike patents, trade secrets must remain confidential in order to retain protection as proprietary intellectual property. We cannot assure you that our trade secrets will remain confidential. If we lose trade secret protection, our business could suffer.

IF OUR PRODUCTS AND TECHNOLOGY INFRINGE ON THIRD PARTY PATENTS, OUR PRODUCT SALES MAY SUFFER

We have not determined whether our products are free from infringement of others' patents. If patent infringement claims are asserted against us and are upheld, we will try to modify our products so that they are non-infringing. If we are unable to do so, we will have to obtain a license to sell those products or stop selling the products for which the claims are asserted. We may not be able to obtain the required licenses. Any successful infringement claim against us, our failure to obtain any required license or requirement for us to stop selling any of our products, may force us to discontinue production and shipment of these products. This may result in reduced product sales and harm our revenues.

We were notified of possible patent infringement by one company in December 1989. After reviewing the related patents we responded in the same month with a position that our products were still under development, but that the analysis revealed no infringement. There was no further response from this company. In January of 1991 a second company sent us a package of nonvolatile memory and other memory patents for review to evaluate for any possible infringement and to seek licenses as appropriate. Our internal evaluation determined that there were no obvious infringements requiring the pursuit of licenses from this company. In both cases we believe that there are no definitive claims for infringement against our products, so no further actions have been taken, although there has not been direct recognition of this position by the other parties. However, we cannot assure you that these companies will not assert patent infringement claims against us in the future.

In 1998, we received notice of a claim for an unspecified amount from a foundation that owns approximately 180 patents and 70 pending applications. The foundation claimed that some of the machines and processes used in the building of our semiconductor devices infringe on the foundation's patents. In April 1999, we reached an agreement with the foundation for us to purchase a nonexclusive license of the foundation's patents, based on our product offerings and sales forecast at that time. If our products or actual sales revenue vary significantly from the time of the agreement, we may be subject to additional payments.

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In late 2002, we received notice of possible patent infringement from a corporation that has acquired a portfolio of patents. We are currently reviewing any potential infringements. If there are any infringements, we believe we will need to enter into a licensing agreement with such company without any material impact on us.

FOREIGN CURRENCY EXCHANGE RATE FLUCTUATIONS MAY INCREASE OUR COSTS, LOWER OUR REVENUES AND CAUSE LOSS OF CUSTOMERS TO OUR COMPETITORS

We purchase materials, including silicon wafers, from outside the United States. In 2002, over 45% of our sales were to customers located outside of the United States. We operate using United States dollars as the functional currency. Changes in foreign currency exchange rates can reduce our revenues and increase our costs. For example, our subcontractors may increase the prices they charge us, on a per purchase order basis, for silicon wafers if the United States dollar weakens. Any large exchange rate fluctuation could affect our ability to compete with manufacturers who operate using foreign currencies. We do not try to reduce our exposure to these exchange rate risks by using hedging transactions. Although we have not had any material losses due to exchange rate fluctuations over the last three years, we cannot assure you that we will not incur significant losses in the future.

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BECAUSE WE DO NOT INTEND TO PAY DIVIDENDS IN THE FORESEEABLE FUTURE, YOUR INVESTMENT RETURN MAY BE LIMITED

We have never paid cash dividends on our common stock. We do not expect to pay dividends in the foreseeable future. We intend to use any earnings to finance growth. You should not expect to receive dividends on your shares of common stock.

IF OUR BOARD OF DIRECTORS AUTHORIZES THE ISSUANCE OF PREFERRED STOCK, HOLDERS OF OUR COMMON STOCK COULD BE DILUTED AND HARMED

Our board of directors has the authority to issue up to 2,000,000 shares of preferred stock in one or more series and to establish the preferred stock's voting powers, preferences and other rights and qualifications without any further vote or action by the shareholders. The issuance of preferred stock by our board of directors could dilute and harm the rights of the holders of our common stock. It could potentially be used to discourage attempts by others to obtain control of us through merger, tender offer, proxy contest or otherwise by making such attempts more difficult to achieve or more costly. Our board of directors has no specific intention to issue shares of preferred stock, but given our present capital requirements, it is possible that we may need to raise capital through the sale of preferred stock in the future.

OUR FAILURE TO HOLD ANNUAL SHAREHOLDERS' MEETINGS TO RE-ELECT OFFICERS LIMITS OUR SHAREHOLDERS' CONTROL OVER MANAGEMENT

Since 1991, we have held only four annual shareholders' meetings at which shareholders elect directors. We have had some special shareholders meetings at which shareholders have voted on matters other than the election of directors.

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We last held a shareholders meeting on November 16, 2000. We have not held more meetings to elect directors primarily due to the costs associated with having the meetings. If we want to hold a meeting to elect directors, we must print and mail to each shareholder prior to the meeting an annual report. Based on the number of our shareholders, the printing and mailing cost would be approximately \$30,000. If you would like to nominate directors for election, you would have to solicit proxy materials for an annual meeting we hold or request that we hold a special shareholders meeting. Under our bylaws, special meetings of our shareholders must be called by our president at the request of holders of not less than one-tenth of all of our outstanding shares entitled to vote at the meeting. Since we currently have outstanding 54,653,731 shares of common stock, holders of at least 5,465,373 shares of our common stock must request a special meeting in order for such shareholders to effect a meeting. At this time, we are unsure of when we will hold our next annual meeting to elect directors. The infrequent annual shareholders' meetings limits the ability of shareholders to elect new members to the board of directors and to change our management.

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USE OF PROCEEDS

9,615,384 shares are covered by this prospectus. These shares are issuable upon conversion of the convertible debentures that we issued to the selling securityholders on July 1, 2002. We will not receive any proceeds from the sale of the shares.

CAPITALIZATION

The following table shows our capitalization at June 30, 2003.

| | |
|---|--------------|
| Treasury stock, 10,000 shares | \$ (12,504) |
| Preferred stock, \$1.00 par value, 2,000,000 shares authorized, none issued and outstanding | 0 |
| Common stock, \$0.01 par value, 80,000,000 shares authorized, 54,461,023 issued and outstanding | 544,611 |
| Additional paid in capital | 37,605,557 |
| Accumulated deficit as of June 30, 2003 | (35,915,900) |
| Shareholders' equity | \$ 2,221,764 |

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Our common stock is listed on the OTC Electronic Bulletin Board under the symbol "SRAM". Securities not included in the Nasdaq Small-CAP Market are covered by the Securities and Exchange Commission rule that imposes additional sales practice requirements on broker-dealers who sell such securities to persons other than established customers and accredited investors (generally institutions with assets in excess of \$5,000,000 or individuals with net worth in excess of \$1,000,000 or annual income exceeding \$200,000 or \$300,000 jointly with their spouse). For transactions covered by the rule, the broker-dealer must make a special suitability determination for the purchaser and receive the purchaser's written agreement to the transaction prior to the sale. Consequently, the rule may affect the ability of broker-dealers to sell our securities, which will have an adverse effect on the ability of our security holders to sell their securities and our ability to raise additional capital.

Shown below is the closing high bid and the closing low offer for our common stock as reported by the OTC Electronic Bulletin Board on the last day of the quarter.

| | Common Stock | |
|--------------------------------------|--------------|---------|
| | High Bid | Low Bid |
| 2001 | | |
| First Quarter..... | \$.7344 | \$.6562 |
| Second Quarter..... | .55 | .49 |
| Third Quarter..... | .37 | .33 |
| Fourth Quarter | .43 | .38 |
| 2002 | | |
| First Quarter..... | .41 | .33 |
| Second Quarter..... | .26 | .24 |
| Third Quarter..... | .18 | .15 |
| Fourth Quarter | .17 | .16 |
| 2003 | | |
| First Quarter..... | .16 | .14 |
| Second Quarter..... | .43 | .36 |
| Third Quarter (August 25, 2003)..... | .79 | .73 |

The quotations listed above reflect inter-dealer prices, without retail mark-up, mark-down or commission and may not represent actual transactions.

As of August 14, 2003, we had 477 shareholders of record. This number does not reflect shareholders who beneficially own common stock held in nominee or "street name."

We have not paid any dividends on our common stock since inception and we do not intend to pay any dividends on our common stock in the foreseeable future.

Pursuant to a Convertible Loan Agreement, dated as of June 28, 2002, we issued convertible debentures to the selling security holders. We received \$3,000,000 in funding. The convertible debentures have 7-year terms at a 7.5% per annum interest rate; each selling securityholder invested \$1,000,000. The holder of the debentures has the right, at any time, to convert all, or in multiples of \$100,000, any part of the debenture into shares of our common stock. The debentures are convertible into our common stock at \$0.312 per share.

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There is no public trading market for the debentures. We have agreed to register for resale all of the common stock issuable upon conversion of the debentures.

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SELECTED FINANCIAL DATA

The statements of operations for the years ended December 31, 2002 and 2001 and the balance sheet data as of December 31, 2002 have been derived from the financial statements that have been audited by Hein + Associates LLP, independent auditors. The balance sheet as of June 30, 2003 and the statements of operations for the six months ended June 30, 2003 and 2002 are unaudited. In our opinion, these financial statements include all adjustments necessary for the fair presentation of the financial position as of June 30, 2003 and statements of operations for the six months ended June 30, 2003 and 2002. The balance sheet as of June 30, 2003 and the statements of operations for the six months ended June 30, 2003 and 2002 were prepared on a consistent basis with our year end financial information. The balance sheet as of December 31, 2002 has been audited by Hein + Associates LLP. This financial data should be read in conjunction with our financial statements and the notes thereto included elsewhere in this prospectus and "Management's Discussion and Analysis of Results of Operations and Financial Condition."

| | For the Year Ended December 31, | |
|--|---------------------------------|----------------|
| | 2002 | 2001 |
| | ---- | ---- |
| Statement of Operations Data: | | |
| Net Sales..... | \$14,326,705 | \$ 16,950,487 |
| Cost of Sales..... | 8,481,262 | 11,273,116 |
| | ----- | ----- |
| Gross Margin..... | 5,845,443 | 5,677,371 |
| Operating Expenses: | | |
| Research and development..... | 4,308,499 | 3,155,360 |
| General and administrative..... | 754,676 | 1,239,568 |
| Sales and Marketing..... | 1,641,508 | 1,672,301 |
| Investor relations..... | - | 730,433 |
| | ----- | ----- |
| Total Operating Expenses..... | 6,704,683 | 6,797,662 |
| Other income (expense), net..... | (103,627) | 4,572 |
| Equity in losses of QDA and write off of related advances..... | - | (4,631) |
| | ----- | ----- |
| Net loss before taxes..... | (962,867) | (1,120,350) |
| Provision for income taxes..... | - | - |
| | ----- | ----- |
| Net loss | \$ (962,867) | \$ (1,120,350) |
| | ===== | ===== |
| Net loss per common share: | | |
| Basic and diluted EPS..... | \$ (.02) | \$ (.02) |
| | ===== | ===== |

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Weighted average common shares outstanding:

| | | |
|-------------------------|------------|------------|
| Basic and diluted | 54,204,525 | 53,713,415 |
| | ===== | ===== |

| | Year Ended December 31, 2002 | Six Months Ended June 30, 2003 |
|---------------------------|---------------------------------|-----------------------------------|
| | ----- | ----- |
| Balance Sheet Data: | | (Unaudited) |
| Working capital..... | \$ 5,828,591 | \$ 1,241,933 |
| Total assets..... | 8,507,050 | 7,462,894 |
| Shareholders' equity..... | \$ 3,663,683 | \$ 2,221,764 |

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

OVERVIEW OF CERTAIN ACQUISITIONS AND OTHER TRANSACTIONS

On July 1, 2002, we received \$3,000,000 in a financing transaction with Renaissance Capital Group, Inc. Renaissance Capital Group is the agent for the selling securityholders. The \$3,000,000 funding consists of convertible debentures with a 7-year term at a 7.5% per annum interest rate; each of three funds equally invested \$1,000,000. The holders of the debentures has the right, at any time, to convert all, or in multiples of \$100,000, any part of the debenture into fully paid and nonassessable shares of our common stock. The debentures are convertible into our common stock at \$0.312 per share, which was in excess of the market price per share on July 1, 2002. Based on the conversion rate of \$0.312 per share, it would entitle each fund to 3,205,128 shares, totalling approximately 18% post-conversion for the three funds, of our common stock.

In March 2001, we acquired Q-DOT Group in exchange for approximately 5,172,000 shares of our common stock. One of the Q-DOT Group subsidiaries specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications. Q-DOT Group's projects have been supported by "conventional" government and commercial contracts in addition to government contracts sponsored by the Small Business Innovation Research program. Independent government agencies, such as the Department of the Army, Department of the Navy and Department of the Air Force may award contracts directly, or "conventionally," or may award contracts through the Small Business Innovation Research program. The Small Business Innovation Research program is a Department of Defense program that funds early-stage research projects at small technology companies. We operate Q-DOT Group's government contract research and development operations as our wholly owned subsidiary. The acquisition was accounted for as a pooling of interest, and the results of Q-DOT Group are consolidated with ours in our financials as if we have been merged throughout the periods. Q-DOT Group held a 1% membership interest in QD Acoustics, LLC. QD Acoustics specializes in high performance semiconductor applications for sonar and medical imaging products such as ultrasound equipment. We do not expect that our ownership interest in QD Acoustics will be material to our business.

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RESULTS OF OPERATIONS

GENERAL. We have designed and developed nonvolatile Static Random Access products since we commenced business operations in May 1987. We have concentrated on the design and development of our nonvolatile Static Random Access memory product families and technologies, marketing, distribution channels, and sources of supply, including production at subcontractors. During 2000, we added the capability to design, develop and produce gate array integrated circuits, or our logic products.

Our business was founded on a specialized technology that supports development of nonvolatile Static Random Access memories. We developed our current memory products out of this technology. This single product family does not allow growth into a broad range of applications. Therefore, in an effort to expand our products, we acquired from WebGear incomplete research and development of Bluetooth technology. "Bluetooth" is an industry standard, short range wireless communications technology designed to allow a variety of electronic devices, such as wireless telephones, Personal Digital Assistants, notebook computers, desktop computers, peripheral input-output devices, television set-top boxes and Internet appliances to exchange data without the use of physical cabling. During the twelve month period ending December 31, 2002, we spent approximately \$123,000 on the development of our Bluetooth technology. Due to a poor semiconductor market and delays related to widespread adoption of Bluetooth technology, we have decided to stop further development of our Bluetooth technology until the semiconductor market recovers and the Bluetooth technology becomes generally accepted.

We anticipate that our acquisition of Q-DOT Group will enable us to enter the high speed data communications market, addressing both wired and wireless applications, based on advanced "Silicon Germanium" process technology. Silicon Germanium is rapidly becoming the technology of choice for many analog, mixed signal and high speed digital circuits.

In September 1991, we began the sale of our commercially qualified 64 kilobit nonvolatile Static Random Access memory products based on a 1.2 micron

process technology. A 1 micron process technology is manufactured with spacing between design elements of approximately one millionth of one meter. Generally speaking, the smaller the spacing between design elements, the less expensive the production cost of our memory products. Accordingly, we generally try to design with lower micron technology. Kilobits are a measure of the amount of data that can be stored. More kilobits imply more storage.

After initial qualification of our first product in 1991, we began expanding the 64 kilobit nonvolatile Static Random Access memory product family. By the end of 1993, we had qualified the complete product family for commercial, industrial and military markets and had commenced sales of these products. When we say we "qualify" a product, we mean that our internal quality organization confirms the product's performance to the product's data sheet and accepted industry standards. Commercial products operate from 0 degrees to 70 degrees Centigrade, industrial products from -40 degrees to 85 degrees Centigrade and military products from -55 degrees to 125 degrees Centigrade. Specific customers require operation over different temperatures for their applications. During

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1995, we developed our 64 kilobit nonvolatile Static Random Access memory products based on a 0.8 micron process technology. Qualification of this product occurred in 1996. In late 1996 and into 1997, we, along with assistance from Zentrum Mikroelektronik Dresden, completed the design, installation and qualification of our 256 kilobit nonvolatile Static Random Access memory product based on 0.8 micron process technology into Zentrum Mikroelektronik Dresden's silicon wafer fabrication facility. In 1997, we installed the 256 kilobit nonvolatile Static Random Access memory product built on 0.8 micron process technology in Chartered Semiconductor Manufacturing's silicon wafer fabrication facility. Qualification of this product for use in the commercial and industrial market occurred in 1997 and qualification for use in the military market occurred in the second quarter of 1998. In the fourth quarter 1997, we qualified the 64 kilobit nonvolatile Static Random Access memory product built on 0.8 micron process technology for sale in the commercial and industrial markets. In 2002, we developed and qualified for sale, into the commercial and industrial markets, a 3 volt version of our 256 kilobit nonvolatile Static Random Access memory product built on 0.8 micron process technology in Chartered Semiconductor Manufacturing's silicon wafer fabrication facility.

In February 2003, we received notification from Chartered Semiconductor Manufacturing that it will close its wafer fabrication facility #1 by March 2004. The memory wafers we purchase from Chartered Semiconductor Manufacturing are manufactured in facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the process of manufacturing our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to twelve months. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

Our programmed semiconductor logic products are supported with silicon wafers, built on 0.5 micron process technology, purchased from United Microelectronics and silicon wafers purchased from Chartered Semiconductor Manufacturing built on a 0.35 micron process technology. Products manufactured with smaller spacing generally support lower product costs by reducing the amount of raw material required for the product. In February 2003, we received notification from United Microelectronics that they will be unable to supply us with logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market.

Sales of products built on wafers purchased from Chartered Semiconductor Manufacturing and United Microelectronics accounted for all of our semiconductor product sales revenue for 2001 and 2002.

REVIEW OF OPERATIONS TWELVE MONTHS ENDED DECEMBER 31, 2002 - SEMICONDUCTOR DEVICES

Total product sales of our semiconductor devices for 2002 were approximately \$12,400,000. We saw a decrease in volume production orders in 2002, which caused a decrease in unit shipments and a slightly lower average selling price as compared to 2001. Revenues from our 4/16 kilobit, 64 kilobit

and 256 kilobit commercial products saw decreases in 2002 by approximately 30%, 55% and 13%, respectively. These decreases were due to the depressed semiconductor market in 2002. Sales of our 64 kilobit and 256 kilobit high-end industrial and military market saw increases of approximately 29% and 142%, respectively. These increases were due to increased government spending on existing and newer, state-of-the-art, military systems. Sales of our logic products saw an increase of approximately 24% in 2002 as compared to 2001. This increase was due primarily to an increase in new customer requirements for these products.

Due to the increase in high-end industrial and military product revenues and reduced product costs, we had an approximate 6% increase in our gross margins for 2002 as compared to 2001.

REVIEW OF OPERATIONS SIX MONTHS ENDED JUNE 30, 2003 - SEMICONDUCTOR DEVICES

Beginning in the fourth quarter 2001, we began to experience the downturn that has been occurring in the global semiconductor industry since late fourth quarter 2000, which gave rise to declining revenues in 2001 and 2002. We have seen an increase in unit shipments for the six months ended June 30, 2003 as compared to the six months ended June 30, 2002. The majority of the increase was for large production orders, with competitive bidding, which resulted in a decrease of average selling prices. Our net revenue for the semiconductor portion of our business was \$6,332,296 for the first six months of 2003 down from \$6,604,905 for the comparable period of 2002. The decrease in revenues for the six month period ending June 30, 2003 as compared to the same period in 2002 was primarily due to lower average selling prices of our commercial nonvolatile semiconductor memory products and a decrease in demand of our logic products.

The decline in revenue, along with higher manufacturing costs, for the six months ended June 30, 2003 compared to the six months ended June 30, 2002 had an impact on our profitability. This decline along with research and development costs related to our 1 megabit product development accounted for losses in the six month period ending June 30, 2003.

REVIEW OF OPERATIONS TWELVE MONTHS ENDED DECEMBER 31, 2002 - GOVERNMENT CONTRACTS

Total revenue received from our research and development contracts for 2002 was approximately \$1,900,000 up from the \$1,500,000 in 2001. This was equal to 13% of our total revenue in 2002.

REVIEW OF OPERATIONS SIX MONTHS ENDED JUNE 30, 2003 - GOVERNMENT CONTRACTS

Total revenue received from our research and development contracts for the first six months of 2003 was approximately \$1,023,000 up from the \$919,000 for the same period in 2002. This was equal to 14% of our total revenue for the first six months of 2003.

RESULTS OF OPERATIONS - YEARS ENDED DECEMBER 31, 2002 AND 2001 AND THREE MONTHS ENDED MARCH 31, 2003 AND 2002

REVENUES TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001- SEMICONDUCTOR

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DEVICES

The following table sets forth our net revenues for semiconductor devices by product markets for the twelve months ended December 31, 2002 and 2001 (in thousands):

| | 2002 ----- | 2001 ----- | Variance ----- |
|----------------------------------|---------------|---------------|-------------------|
| Commercial | \$ 8,892 | \$13,070 | \$ (4,178) |
| High-end industrial and military | \$ 2,433 | \$ 1,494 | \$ 939 |
| Logic products | \$ 1,097 | \$ 886 | \$ 211 |
| | ----- | ----- | ----- |
| Total Semiconductor Revenue | \$12,422 | \$15,450 | \$ (3,028) |

Commercial product revenues decreased by \$4,178,000 for the twelve month period ending December 31, 2002 as compared to the same period in 2001. The decrease was primarily due to a depressed semiconductor market which resulted in lower product demand and lower average selling prices.

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High-end industrial and military product revenues accounted for an increase of \$939,000 for the twelve month period ending December 31, 2002 as compared with the same period in 2001. The increase in revenue was due to an increase in defense contracts.

Revenues from our logic products increased by \$211,000 for the twelve month period ending December 31, 2002 as compared to the same period in 2001. The increase was due primarily to non-recurring engineering charges received from new customers and the shipment of production orders to new customers and pre-existing customers.

One distributor and one direct customer accounted for approximately 33% of our semiconductor device product sales for the twelve months ended December 31, 2002. Products sold to distributors are sold without significant recourse. Distributor contracts allow distributors to return up to 5% in value of product inventory in each six month period. This allows them to keep inventory current to market demand. Distributors resell our products to various end customers. If one of these distributors was to terminate its relationship with us, we believe that there would not be a material impact on our semiconductor device product sales.

REVENUES SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

The following table sets forth our net revenues for semiconductor devices by product markets for the six months ended June 30, 2003 and 2002 (in thousands):

| |
|--|
| Six Months Ended ----- June 30, ----- |
|--|

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| | 2003 ----- | 2002 ----- | Variance ----- |
|-------------------------------------|----------------------|----------------------|----------------------|
| Commercial | \$5,101 | \$5,198 | \$ (97) |
| High-end industrial and military | 816 | 810 | 6 |
| Logic products | 415 | 597 | (182) |
| | --- | --- | ----- |
| Total Semiconductor Revenue | \$6,332 ===== | \$6,605 ===== | \$(273) ===== |

Commercial revenues decreased by \$97,000 for the six months ended June 30, 2003 period when compared to the comparable period in 2002. The \$97,000 decrease for the six month period was due primarily to a decrease in average selling prices of our commercial nonvolatile semiconductor memory products.

High-end industrial and military product revenues accounted an increase of \$6,000 for the six months ended June 30, 2003 as compared to the comparable period in 2002.

Revenues from our logic products decreased by \$182,000 for the six months ended 2003 as compared to the same period in 2002. The decreases were due to a reduction in demand for this product and our decision to eliminate this product line effective December 31, 2003.

Two distributors and two direct customers accounted for approximately 55% of our semiconductor devices product sales for the six months ended June 30, 2003. Products sold to distributors are re-sold to various end customers.

COST OF SALES AND GROSS MARGINS TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

We recorded costs of sales for semiconductor devices of \$7,578,000 and \$10,458,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively. These costs reflect an approximate 6% improvement in gross margin percentages for twelve months ended December 31, 2002 as compared to the twelve months ended December 31, 2001. Actual gross margin percentages were 39% and 33% for the twelve months ended December 31, 2002 and 2001, respectively. The increases were due primarily to increased sales of higher margin semiconductor

products, logic products and high-end industrial and military products. The increases in gross margin percentages were partially due to lower material and test costs of our commercial product.

During 2002, we purchased silicon wafers built on 0.8 micron technology from Chartered Semiconductor Manufacturing to support sales of our nonvolatile Static Random Access memory products. Sales of our logic products were supported with 0.5 micron silicon wafers purchased from United Microelectronics Corp. of Taiwan and 0.35 micron silicon wafers purchased from Chartered Semiconductor Manufacturing.

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COST OF SALES AND GROSS MARGINS SIX MONTHS ENDED JUNE 30, 2003 AND 2002- SEMICONDUCTOR DEVICES

We recorded cost of sales for semiconductor devices of \$4,407,000 for the six months ended June 30, 2003 as compared with the \$4,217,000 for the six months ended June 30, 2002. These costs reflect an approximate 6% decrease in gross margin percentages for the six months ended June 30, 2003 as compared to the six months ended June 30, 2002. Actual gross margin percentages for the six month periods ending June 30, 2003 were 30%. The decrease in gross margin percentages for the six month period was also affected by decreased average selling prices.

During the first six months of 2003, we purchased wafers built on 0.8 micron technology from Chartered Semiconductor Manufacturing Plc. of Singapore to support sales of our nonvolatile semiconductor memory products. Sales of our logic products were supported with 0.5 micron wafers purchased from United Microelectronics Corp. of Taiwan and 0.35 micron wafers purchased from Chartered Semiconductor Manufacturing.

In February 2003, we received notification from Chartered Semiconductor Manufacturing that it will close its wafer fabrication facility #1 by March 2004. The memory wafers we purchase from Chartered Semiconductor Manufacturing are manufactured in facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the process of manufacturing our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to twelve months. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

United Microelectronics and Chartered Semiconductor Manufacturing provide silicon wafers for our programmed semiconductor logic products based on 0.5 micron and 0.35 micron product technology, respectively. In February 2003, we received notification from United Microelectronics that it will be unable to supply us with logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market.

RESEARCH AND DEVELOPMENT TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

We believe that continued investments in new product development are required for us to remain competitive in the markets we serve. Beginning in the fourth quarter 2001, our research and development department has been focusing its efforts on developing a 3 volt version of our 256 kilobit nonvolatile Static Random Access memory device and the installation of our process at Amkor Technology for the development of a 1 megabit 3 volt nonvolatile Static Random Access memory. During 2002, we qualified our 3 volt 256 kilobit nonvolatile Static Random Access memories for sales into commercial and industrial applications. Development of the 1 megabit 3 volt nonvolatile Static Random Access memory is continuing and we are anticipating the arrival of samples during the second quarter of 2003.

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Total research and development expenses related to the semiconductor portion of our business were \$3,795,000 and \$2,695,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively.

The \$1,100,000 increase for the twelve month period was related to increases in payroll and payroll overhead costs of \$478,000, contract

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engineering services of \$199,000, new product development costs of \$290,000, equipment leases, maintenance agreements for software and depreciation of \$294,000 and a reduction in miscellaneous other expenses of \$161,000 which were related primarily to reduced costs of our logic development. The primary increase in payroll costs is related to an increase in employee headcount. Increased headcount and contract engineering services are required in order to meet production schedules of our new products. New product development costs are primarily due to the purchases of silicon wafers and reticles required to develop new products. Equipment leases, maintenance agreements for software and depreciation are related primarily to software licenses and hardware required to design our new products.

RESEARCH AND DEVELOPMENT SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

We believe that continued investments into new product development are required for us to remain competitive in the markets we serve. Beginning in the fourth quarter 2001, our research and development department has been focusing its efforts on the installation of our process at Anam Semiconductor for the development of a 1 megabit 3 volt nonvolatile semiconductor memory. During the first six months of 2003, we continued to see increased demand for our 3 volt 256 kilobit nonvolatile semiconductor memories. Development of the 1 megabit 3 volt nonvolatile semiconductor memory is continuing and we anticipate delivering samples to customers during the third quarter of 2003.

Total research and development expenses related to the semiconductor portion of our business were \$2,120,000 for the six months ended June 30, 2003 compared to \$1,965,000 for the six months ended June 30, 2002.

The increase of \$155,000 for the six month period was related to the net between increases in payroll and payroll costs of \$278,000, equipment leases, maintenance agreements for software and depreciation of \$179,000 and reductions in contract engineering services of \$42,000, new product development costs of \$252,000 and other expenses of \$8,000. The primary increase in payroll costs is related to an increase in employee headcount. Increased headcount and contract engineering services are required in order to meet production schedules of our new products. New product development costs are primarily due to the purchases of silicon wafers and reticles required to develop new products. Equipment leases, maintenance agreements for software and depreciation are related primarily to software licenses and hardware required to design our new products.

SALES AND MARKETING TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

Total marketing expenses related to the semiconductor portion of our

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business were \$1,336,000 and \$1,510,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively.

The \$174,000 decrease for the twelve month period was related to decreases in advertising, contract services and sales commissions of \$58,000, \$81,000 and \$61,000, respectively. The decrease in sales commissions is a direct result of decreased revenue. These decreases were offset by an increase in travel expenses of \$26,000.

SALES AND MARKETING SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

Total marketing expenses related to the semiconductor portion of our business were \$671,000 for the six months ended June 30, 2003 as compared to the \$777,000 for the six months ended June 30, 2002.

The decrease of \$106,000 for the six month period ended June 30, 2003 as compared to June 30, 2002 was due to decreases in payroll and payroll related costs of \$67,000, travel of \$29,000 and miscellaneous expenses of \$10,000. The reduction in payroll and payroll related costs was a direct result of reduced headcount. The decrease of travel expenses was due to a reduction in travel within the sales organization.

ADMINISTRATION AND INVESTOR RELATIONS TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

Total administration expenses related to the semiconductor portion of our business were \$639,000 and \$989,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively.

The \$350,000 decrease was due primarily to decreased legal costs, audit fees and contract services of \$186,000, \$100,000 and \$94,000, respectively. These decreases were directly related to costs associated with the acquisition

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of Q-DOT in March 2001 and an overall decrease in legal and audit fees related to filings with the Securities and Exchange Commission. The decreases were offset by an increase of \$30,000 in payroll costs which were a direct result of headcount increases.

The decrease of \$730,000 in investor relations expense, for the twelve month period ending December 31, 2002 as compared to December 31, 2001 was related to the completion of the amortization of the issuance of stock to two investment banking firms in September 2000 for services they performed.

ADMINISTRATION SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

Total administration expenses related to the semiconductor portion of our business were \$409,000 for the six months ended June 30, 2003 as compared to the \$338,000 for the six months ended June 30, 2002.

The \$71,000 increase for the six months ended June 30, 2003 compared to

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June 30, 2002, respectively, were primarily due to an increase in professional services and an increase in payroll costs. Many of these additions were implemented to ensure ongoing compliance with newly enacted regulations resulting from the Sarbanes-Oxley Act.

TOTAL OTHER INCOME (EXPENSE) TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

The \$109,000 decrease in total other income (expense) for the twelve month period ending December 31, 2002 as compared to the twelve month period ending December 31, 2001 was primarily related to an increase of interest expense and an increase in interest income which was a direct result of the \$3,000,000 funding we received on July 1, 2002 from Renaissance Capital Group.

TOTAL OTHER INCOME (EXPENSE) SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

The increases of \$104,000 in total other income (expense) for the six month period ended June 30, 2003 as compared to June 30, 2002, respectively, was primarily due to an increase in interest expense, offset by an increase in interest income. This increase was a direct result of the \$3,000,000 funding we received on July 1, 2002.

NET LOSS TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - SEMICONDUCTOR DEVICES

We recorded a net loss of \$1,028,000 and \$925,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively. The increase of \$103,000 in net loss for the twelve month period was due primarily to increased research and development costs and decreased sales.

NET LOSS SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - SEMICONDUCTOR DEVICES

We recorded a net loss of \$1,382,000 for the six months ended June 30, 2003 as compared to a net loss of \$697,000 for the six months ended June 30, 2002. The increase in net loss for the six month period was due primarily to increased research and development costs, decreased sales and decreased gross margin percentages.

REVENUES TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

The following table sets forth our net revenues from the government contracts portion of our business for the twelve months ended December 31, 2002 and December 31, 2001 (in thousands):

| | 2002 | 2001 | Variance |
|----------------------|---------|---------|----------|
| | ---- | ---- | ----- |
| Government Contracts | \$1,905 | \$1,500 | \$ 405 |

The increase of revenue for the twelve months ended December 31, 2002 as compared to the twelve months ended December 31, 2001 was the result of increased direct labor costs and increased materials and services that were invoiced against development contracts. Direct labor increased due to the addition of employees.

Costs on contracts with the government (including allocable indirect costs) are subject to audit and adjustment by negotiations between Q-DOT and government representatives. Costs submitted for reimbursement are subject to government audits for compliance with government cost accounting standards, federal acquisitions regulations and other contract terms. Negotiations for all of the years through March 31, 1999 have been completed without any material adjustments. Management does not believe the results of the March 31, 2000, December 31, 2000, December 31, 2001 and December 31, 2002 government audits and subsequent negotiations will have a material effect on the accompanying financial statements.

REVENUES SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

The following table sets forth our net revenues from our government contracts portion of our business for the three months ended June 30, 2003 and 2002 (in thousands):

| | Six Months Ended | | |
|----------------------|------------------|--------|----------|
| | ----- | | |
| | June 30, | | |
| | ----- | | |
| | 2003 | 2002 | Variance |
| | ---- | ---- | ----- |
| Government Contracts | \$1,023 | \$ 919 | \$ 104 |

The increase of revenue for the six month period ending June 30, 2003 as compared to the same period in 2002 was the result of increased direct labor costs and increased materials and services that were invoiced against development contracts. Direct labor increased due to the addition of employees needed for additional contracts.

COST OF SALES AND GROSS MARGIN TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

We recorded cost of sales for government contracts of \$903,000 and \$815,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively. These costs reflect a 7% improvement in gross margin percentages for the twelve months ended December 31, 2002 as compared to twelve months ended December 31, 2001. The improvement in gross margin percentages was primarily due to a one time adjustment of costs from research and development to costs of sales that occurred in twelve month period ending December 31, 2001. Actual gross margin percentages for the twelve months ending December 31, 2002 and December 31, 2001 were 53% and 46%, respectively.

COST OF SALES AND GROSS MARGIN SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

The cost of sales for the government contracts portion of our business was \$513,000 for the six months ended June 30, 2003 as compared to the \$400,000 for the same periods in 2002. This was equivalent to gross margin percentages of 50% for the six months ended June 30, 2003 as compared to gross margin percentages

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of 56% for the same period in 2002. The decrease in gross margin percentages were primarily due to an increase in non direct labor which could not be billed as revenue.

RESEARCH AND DEVELOPMENT TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

Total research and development expenses related to the government contracts portion of our business were \$514,000 and \$460,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively.

The \$54,000 increase for the twelve month period was related to increases in payroll and payroll overhead costs of \$32,000 and external wafer foundry costs of \$22,000.

RESEARCH AND DEVELOPMENT SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

Total research and development expenses related to the government contracts portion of our business were \$363,000 for the six months ended June 30, 2003 compared to \$305,000 for the six months ended June 30, 2002.

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The \$58,000 increase for the six month period ending June 30, 2003 as compared to the same period in 2002 was related to a decrease of \$5,000 in employment related expenses which was offset by a \$63,000 increase in software maintenance contracts.

MARKETING TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

Total marketing expenses related to the government contracts portion of our business were \$306,000 and \$162,000 for the twelve months ended December 31, 2002 and December 31, 2001, respectively.

The increase of \$144,000 for the twelve months ended December 31, 2002 as compared to December 31, 2001 was primarily due to an increase of \$133,000 in bid and proposal activities required to complete small business innovative research proposals requiring engineering and administrative support and an \$11,000 increase in travel expenses.

MARKETING SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

Total marketing expenses related to the government contracts portion of our business were \$149,000 for the six months ended June 30, 2003 as compared to the \$128,000 for the six months ended June 30, 2002.

The increases of \$21,000 for the six month periods ended June 30, 2003 as compared to June 30, 2002 were primarily due to increased bid and proposal activities.

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ADMINISTRATION TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

Total administration expenses related to the government contracts portion of our business were \$116,000 and \$251,000 for the twelve month period ended December 31, 2002 and December 31, 2001, respectively.

The \$135,000 decrease for the twelve months ended December 31, 2002 as compared to December 31, 2001 was due to decreased legal, audit fees and payroll costs that were primarily related to our acquisition of Q-DOT.

ADMINISTRATION SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

Total administration expenses related to the government contracts portion of our business were \$67,000 for the six months ended June 30, 2003 as compared to the \$55,000 for the six months ended June 30, 2002.

The increase of \$12,000 for the six months ended June 30, 2003 as compared to the same period in 2002 was primarily due to a \$8,000 decrease in outside consulting work which was offset by a \$20,000 increase in payroll related expenses.

NET INCOME (LOSS) TWELVE MONTHS ENDED DECEMBER 31, 2002 AND 2001 - GOVERNMENT CONTRACTS

We recorded a net income of \$65,000 and a net loss of \$195,000 for twelve months ended December 31, 2002 and December 31, 2001, respectively, for the government contracts portion of our business. The increase in net income from a net loss for the twelve month period was due primarily to the elimination of costs related to our acquisition of Q-DOT and increased revenue.

NET INCOME (LOSS) SIX MONTHS ENDED JUNE 30, 2003 AND 2002 - GOVERNMENT CONTRACTS

We recorded a net loss of \$71,000 for the six months ended June 30, 2003 as compared to a net income of \$29,000 for the six months ended June 30, 2002. The decrease in net income was primarily due to indirect overhead costs that could not be billed to specific government contracts.

FUTURE RESULTS OF OPERATIONS

Our ability to achieve profitability will depend primarily on our ability to continue reducing our manufacturing costs and increasing net product sales by

improving the availability of existing products, by the introduction of new products and by expanding our customer base. We are also dependent on the overall state of the semiconductor industry and the demand for semiconductor products by equipment manufacturers.

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We are continuing our co-development program with Amkor technology to develop a semiconductor process module that combines our nonvolatile technology with Amkor's advanced 0.25 micron digital complementary metal-oxide semiconductor, or "CMOS," fabrication line. CMOS is the semiconductor technology used in the transistors that are manufactured into most of today's computer microchips. The module will incorporate silicon oxide nitride oxide silicon technology, which will be used to manufacture both high density silicon oxide nitride oxide silicon flash and nonvolatile Static Random Access memories, for stand alone and embedded products. The co-development program is scheduled to yield qualified shipments in the second quarter of 2003, with a 1 megabit 3.0 volt nonvolatile Static Random Access memory as the primary development vehicle. In February 2003, Amkor Technology sold controlling interest of their wafer fabrication facility to Anam Semiconductor. All contractual obligations were transferred to Anam U.S.A., a wholly owned subsidiary of Anam Semiconductor. Our co-development program has not been affected by the change in ownership and we do not expect any material changes in the support required to complete the program. Please see "Risk Factors - Since the semiconductor industry is fast changing, our success depends on our ability to introduce new products."

As of June 30, 2003, we had a backlog of unshipped customer orders of approximately \$1,754,000 expected to be filled by December 31, 2003. Orders are cancelable without penalty at the option of the purchaser prior to 30 days before scheduled shipment and therefore are not necessarily a measure of future product revenue.

We cannot assure you that the growth in demand, or demand for our products, will increase in the future. We continue to explore alternatives to further reduce our cost to manufacture our existing products built on 0.8 micron technology. In 2001, we received reduced pricing from our packaging supplier and our silicon wafer supplier and we also implemented test time reduction programs that have further reduced our test costs. In 2002, we continued to focus on yield improvement of our products built on our 0.8 micron technology with the hopes of further reducing costs. We are currently reviewing additional cost reduction measures that may have the potential to improve our earnings.

In 2001 and 2002, we purchased all of our silicon wafers for our nonvolatile Static Random Access memory products from a single supplier, Chartered Semiconductor Manufacturing. Approximately 80% of our semiconductor device sales for 2002 and 86% of our semiconductor product sales for 2001 were from finished units produced from these silicon wafers. We had an agreement with Chartered Semiconductor Manufacturing to provide wafers through September 1998. Although Chartered Semiconductor Manufacturing continues to provide us wafers under the terms defined in this contract we do not have a current signed agreement. In February 2003, we received notification from Chartered Semiconductor Manufacturing that it will close its wafer fabrication facility #1 by March 2004. The memory wafers we purchase from Chartered Semiconductor Manufacturing are manufactured in facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the manufacturing process of our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to twelve months. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into Chartered Semiconductor Manufacturing's facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

In 2001 and 2002, we purchased all of our silicon wafers built on a 0.5

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micron process technology and our silicon wafers built on a 0.35 micron process technology for our programmed semiconductor logic products from United Microelectronics and Chartered Semiconductor Manufacturing, respectively. Approximately 7% of our logic semiconductor device sales for 2002 and 5% of our logic semiconductor device sales for 2001 were from finished units produced from these wafers. Currently, we do not have a current signed agreement for either of these companies to furnish us wafers, however, we have seen no disruption in their supply to us. In February 2003, we received notification from our supplier of logic wafers, United Microelectronics in Taiwan, that they will be unable to supply us with our logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market.

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Zentrum Mikroelektronik Dresden, through their license agreement with us, has the worldwide right to sell nonvolatile Static Random Access memory products developed jointly by us and Zentrum Mikroelektronik Dresden. As it has established volume production, Zentrum Mikroelektronik Dresden continues selling such nonvolatile Static Random Access memory products. In the past year, we did see increased competition with Zentrum Mikroelektronik Dresden as compared to the previous year. However, due to Zentrum Mikroelektronik Dresden creating a second source for nonvolatile Static Random Access memory products, we believe that its presence may have a positive impact because many large manufacturers require two sources from which to purchase product. We will not be receiving any further license payments from our contract with Zentrum Mikroelektronik Dresden.

We intend to continue designing, developing and subcontracting the production of our memory products. We also propose to continue to sell to existing and new customers through our normal sales and marketing efforts. We will also begin development of high performance data communications products based on Silicon Germanium process expertise gained through our acquisition of Q-DOT Group. We believe that the addition of data communication products will allow us to expand our product offering into new applications and additional customers. We anticipate that this will reduce our dependence on any single product line and provide additional potential sources of revenue.

LIQUIDITY AND CAPITAL RESOURCES

On July 1, 2002, we received \$3,000,000 in a financing transaction with Renaissance Capital Group, Inc. Renaissance Capital Group is the agent for three investment funds, Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC. The \$3,000,000 funding consists of convertible debentures with a 7-year term at a 7.5% per annum interest rate; each fund equally invested \$1,000,000. The holder of the debenture has the right, at any time, to convert all, or in multiples of \$100,000, any part of the debenture into fully paid and nonassessable shares of our common stock. The debentures are convertible into our common stock at \$0.312 per share, which was in excess of the market price per share on July 1, 2002. Based on the conversion rate of \$0.312 per share, it would entitle each fund to 3,205,128 shares, totalling approximately 18% for the three funds, of our common stock. At June 30, 2003, we were in non-compliance of certain covenants set forth in the loan agreement. We have received a waiver from Renaissance through October 1, 2003 with respect to such covenants. We are

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attempting to reach compliance with the stipulated covenant requirements by the end of the waiver period, but cannot be sure that it will achieve such compliance. Therefore, we have reclassified the note as a current liability as of June 30, 2003. We have a long term relationship with Renaissance and believe that we will be able to revise our current covenant requirements prior to October 1, 2003. We cannot, however, provide assurances that we will be able to meet the covenant requirements by October 1, 2003 or that such covenants will be revised. Please see "Risk Factors-We might not be able to re-gain compliance of certain covenants set forth in our loan agreement with Renaissance; if we are unable to do so, Renaissance could accelerate the \$3 million loan and foreclose on the collateral that we granted to it."

The change in cash flows for the six months ended June 30, 2003 provided by operating activities was primarily a result of a net loss of \$1,453,389, which is offset by \$245,575 in depreciation and amortization, decreases in accounts receivable, inventory, prepaid expenses and deferred revenue of \$313,731, \$2,451, \$103,737 and \$40,500, respectively and increases in accounts payable, accrued expenses and customer deposits of \$152,530, \$188,765 and \$33,075, respectively. The decrease of \$313,731 in accounts receivable was directly related to certain customers paying invoices within our payment terms at the end of second quarter 2003. The increase in accounts payable of \$152,530 was primarily due to the timing of payments for standard operating expenses. The increase in accrued expenses was due primarily to increased vacation payable and accrued wages. These increases have occurred due to certain employees foregoing their vacation time until later in 2003. The change in cash flows used in investing activities of \$292,527 was primarily due to the purchase of equipment required to test our nonvolatile semiconductor memory products and software acquired for research and development activities. The cash flows used in financing activities of \$65,611 were due primarily to payments on a capital lease obligation.

The change in cash flows for the year ended December 31, 2002 used in operating activities was primarily a result of a net loss of \$962,867, which is offset by \$443,146 in depreciation and amortization and an increase in deferred revenue of \$25,500. These increases were offset by a decrease in allowance accounts, inventory, accounts payable and accrued expenses of \$71,150, \$261,442,

\$328,848 and \$122,594, respectively and increases in accounts receivable and prepaid expenses of \$618,653 and \$123,972. The \$261,442 decrease in inventory and the \$618,653 increase in accounts receivable, were due to an increase in customer demand in the late fourth quarter of 2002, this increase allowed us to dispose of inventory on hand. The \$328,848 decrease in accounts payable was primarily due to the timing of raw materials received within the period. Materials were received and paid for late in 2001, but due to soft market demand, had not been fully consumed, resulting in larger inventory levels at December 31, 2001. The \$122,594 decrease in accrued expenses was due to our completing payments of accrued salary and vacation payments to our former Chief Financial Officer. The \$123,972 increase in prepaid expenses and other was directly related to an increase in software licensing and maintenance agreements that are required to be paid in advance. These software licensing agreements are required for us to design our 1 megabit nonvolatile Static Random Access memory product. The change in cash flows used in investing activities of \$163,657 was primarily due to the purchase of hardware and software required for research and development activities and equipment required to manufacture our semiconductor devices at Chartered Semiconductor Manufacturing and United Microelectronics

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Corp. The cash flows provided by financing activities of \$2,699,678 were due primarily to the \$3,000,000, net of \$116,175 in financing fees, received from Renaissance Capital Group, borrowings and payments on notes payable and a capital lease obligation and the exercise of stock options by our employees.

The change in cash flows for the year ended December 31, 2001, used in operating activities was primarily a result of a net loss of \$1,120,350 which is offset by \$462,083 in depreciation and amortization, \$730,433 in investor relations expense, loss of disposal of assets of \$58,699, and an increase in allowance accounts of \$23,883. The change in net loss was also offset by decreases in accounts receivable, prepaid expenses and other, an increase in accounts payable and increases in receipts from deferred revenue of \$48,084, \$62,349, \$331,424 and \$15,000, respectively. These amounts were offset by an increase in inventory, and a decrease in accrued expenses of \$798,972, and \$158,076, respectively. The increase in inventory was related to increased product availability and demand. The change in cash flows used in investing activities was due to the purchase of \$509,698 of equipment required to test our products and software required to design our programmed semiconductor logic products. The change in cash flows provided by financing activities of \$77,076 was due primarily to borrowings from a line of credit and the issuance of a note of \$100,163, payments on the line of credit and notes payable of \$84,050, borrowings on a capital lease of \$97,520 and payments on the capital lease of \$52,977, the exercise of stock options by our employees and directors and the buyback of our common stock.

Short-term liquidity.

Our cash balance at June 30, 2003 was \$2,325,672.

Our future liquidity will depend on our revenue growth and our ability to sell our products at positive gross margins and control of our operating expenses. Over the coming year, we expect to spend approximately \$8,000,000 for operating expenses. We expect to meet these capital needs from sales revenues and, to the extent we do not have sufficient revenues, from our existing cash reserves.

Long-term liquidity.

We will continue to evaluate our long term liquidity. We currently do not have any material plan of financing for the medium or long term or out of the ordinary demands of our cash. We expect to continue to meet our capital needs from sales revenues.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Simtek's consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, which require us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and the related disclosures. A summary of these significant accounting policies can be found in Simtek's Notes to Consolidated Financial Statements included in this Form SB-2. The estimates used by management are based upon Simtek's historical experiences combined with managements understanding of current facts and circumstances. Certain of our accounting policies are considered critical as they are both important to the portrayal of our financial condition and the results of our operations and require significant or complex judgments on our part. We believe that the following represent the critical accounting policies of Simtek as described in Financial Reporting Release No. 60, Cautionary Advice Regarding Disclosure About Critical Accounting Policies, which was issued by the

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Securities and Exchange Commission: inventories; deferred income taxes; allowance for doubtful accounts; and, allowance for sales returns.

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The valuation of inventories involves complex judgments on our part. Excess finished goods inventories are a natural component of market demand of semiconductor devices. We continually evaluate and balance the levels of inventories based on sales projections, current orders scheduled for future delivery and historical product demand. While certain finished goods items will sell out, quantities of other finished goods items will remain. These finished goods are reserved as excess inventory. We believe we have adequate controls with respect to the amount of finished goods inventories that are anticipated to become excess. While we believe this process produces a fair valuation of inventories, changes in general economic conditions of the semiconductor industry could materially affect valuation of our inventories.

The allowance for doubtful accounts reflects a reserve that reduces customer accounts receivable to the net amount estimated to be collectible. Estimating the credit worthiness of customers and the recoverability of customer accounts requires management to exercise considerable judgment. In estimating uncollectible amounts, we consider factors such as industry specific economic conditions, historical customer performance and anticipated customer performance. While we believe our processes to be adequate to effectively quantify our exposure to doubtful accounts, changes in industry or specific customer conditions may require us to adjust our allowance for doubtful accounts.

We record an allowance for sales returns as a net adjustment to customer accounts receivable. The allowance for sales returns consists of two separate segments, distributor stock rotation and distributor price reductions. When we record the allowance, the net method reduces customer accounts receivables and gross sales. Generally, we calculate the stock rotation portion of the allowance based upon distributor inventory levels. The contracts we have with our distributors allow them to return to us a 5% percent of their inventory in exchange for inventory which better meets their demands. At times, we are required to allow our distributors to lower the selling price of a specific device in order to meet competition. When this occurs, we record an allowance for potential credit that our distributor's will be requesting. This allowance is based on approved pricing changes, inventory affected and historical data. We believe that our processes to adequately predict our allowance for sales returns are effective in quantifying our exposures due to industry or specific customer conditions.

We record an allowance that directly relates to the warranty of our products for one year. The allowance for warranty return reduces our gross sales. This allowance is calculated by looking at annual revenues and historical rates of our products returned due to warranty issues. While we believe this process adequately predicts our allowance for warranty returns, changes in the manufacturing or design of our product could materially affect valuation of our warranties.

We have various government contracts which are subject to audit by the government. However, audits for the periods ending March 31, 2000, December 31, 2000, December 31, 2001 and December 31, 2002 have not been completed. In addition, certain of these contracts are based on our estimate as to their

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percentage of completion as of the balance sheet date. Our historical experience has not resulted in a material adjustment to prior recorded revenue amounts.

We have recorded a valuation allowance on deferred tax assets. Future operations may change our estimate in connection with potential utilization of these assets.

ACCOUNTING STATEMENTS

In April 2002, the FASB approved for issuance Statements of Financial Accounting Standards No. 145, "Rescission of FASB Statements No. 4, 44 and 64, Amendment of SFAS 13, and Technical Corrections" ("SFAS 145"). SFAS 145 rescinds previous accounting guidance, which required all gains and losses from extinguishment of debt be classified as an extraordinary item. Under SFAS 145 classification of debt extinguishment depends on the facts and circumstances of the transaction. SFAS 145 is effective for fiscal years beginning after May 15, 2002 and adoption is not expected to have a material effect on the Company's financial position or results of its operations.

In July 2002, the FASB issued Statements of Financial Accounting Standards No. 146, "Accounting for Costs Associated with Exit or Disposal Activities" (SFAS 146). SFAS 146 requires companies to recognize costs associated with exit or disposal activities when they are incurred rather than at the date of a commitment to an exit or disposal plan. Examples of costs covered by SFAS 146 include lease termination costs and certain employee severance costs that are associated with a restructuring, discontinued operation, plant closing, or other exit or disposal activity. SFAS 146 is to be applied prospectively to exit or disposal activities initiated after December 31, 2002. The adoption of SFAS 146 is not expected to have a material effect on the Company's financial position or results of its operations.

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In December 2002, the FASB issued Statements of Financial Accounting Standards No. 148, "Accounting for Stock-Based Compensation - Transition and Disclosure - an amendment of FASB Statement 123" (SFAS 148). For entities that change their accounting for stock-based compensation from the intrinsic method to the fair value method under SFAS 123, the fair value method is to be applied prospectively to those awards granted after the beginning of the period of adoption (the prospective method). The amendment permits two additional transition methods for adoption of the fair value method. In addition to the prospective method, the entity can choose to either (i) restate all periods presented (retroactive restatement method) or (ii) recognize compensation cost from the beginning of the fiscal year of adoption as if the fair value method had been used to account for awards (modified prospective method). For fiscal years beginning December 15, 2003, the prospective method will no longer be allowed. The Company currently accounts for its stock-based compensation using the intrinsic value method as prescribed by Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" and plans on continuing using this method to account for stock options, therefore, it does not intend to adopt the transition requirements as specified in SFAS 148. The Company has adopted the new disclosure requirements of SFAS 148 in these financial statements.

In April 2003, the FASB issued Statements of Financial Accounting Standards

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No. 149, "Amendment of Statement 133 on Derivative Instruments and Hedging Activities" (SFAS 149). SFAS 149 amends and clarifies accounting for derivative instruments, including certain derivative instruments embedded in other contracts, and for hedging activities under SFAS 133. SFAS 149 is effective for contracts entered into or modified after June 30, 2003, and for hedging relationships designated after June 30, 2003. Management does not believe that the adoption of SFAS 149 will have a material impact on its financial position or results of operations.

In May 2003, the FASB issued Statements of Financial Accounting Standards No. 150, "Accounting for Certain Financial Instruments with Characteristics of Both Liabilities and Equity" (SFAS 150). SFAS 150 requires issuers to classify as liabilities (or assets in some circumstances) three classes of freestanding financial instruments that embody obligations for the issuer. SFAS 150 is effective for financial instruments entered into or modified after May 31, 2003 and is otherwise effective at the beginning of the first interim period beginning after June 15, 2003. Management believes the adoption of SFAS 150 will have no immediate impact on its financial position or results of operations.

The FASB issued Interpretation ("FIN") No. 45, Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others, in November 2002 and FIN No. 46, Consolidation of variable Interest Entities, in January 2003. FIN No. 45 is applicable on a prospective basis for initial recognition and measurement provisions to guarantees issued after December 2002; however, disclosure requirements are effective immediately. FIN No. 45 requires a guarantor to recognize, at the inception of a guarantee, a liability for the fair value of the obligations undertaken in issuing the guarantee and expands the required disclosures to be made by the guarantor about its obligation under certain guarantees that it has issued. The adoption of FIN No. 45 did not have a material impact on the Company's financial position or results of operations. FIN No. 46 requires that a company that controls another entity through interest other than voting interest should consolidate such controlled entity in all cases for interim periods beginning after June 15, 2003. Management does not believe the adoption of FIN No. 46 will have a material impact on its financial position or results of operations.

INFLATION

The impact of inflation on our business has not been material.

BUSINESS

GENERAL

We were formed as a Colorado corporation on January 7, 1986. We provide integrated circuits to the electronics market for use in a variety of systems, such as computers, copiers, factory controllers, electric meters and military systems. We design, market and sell our products, but we subcontract the majority of our manufacturing requirements. We have designed and developed nonvolatile Static Random Access Memory products since we began business operations in May 1987. We have concentrated on the design and development of the 4, 16, 64 and 256 kilobit nonvolatile Static Random Access memory product families and technologies, distribution channels, and sources of supply, including production at subcontractors. Kilobits are a measure of the amount of data that can be stored; more kilobits imply more storage. During 2000, we added

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the capability to design, develop and produce programmed semiconductor logic products.

Having established a core business within the nonvolatile memory application segment, we have been expanding into other technology areas including logic and data communication markets.

In March 2001, we acquired Q-DOT Group, Inc. Q-DOT Group specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications. Their projects are supported by "conventional" government and commercial contracts in addition to government contracts sponsored by the Small Business Innovation Research program. We operate Q-DOT Group's government contract research and development operations as our wholly owned subsidiary. This acquisition was intended to enable us to enter the high speed data communications market, addressing both wired and wireless applications, based on advanced "Silicon Germanium" process technology.

As of June 30, 2003, our backlog for released purchase orders was approximately \$1,754,000, all of which is expected to ship by December 31, 2003. Orders are cancelable without penalty at the option of the purchaser prior to 30 days before scheduled shipment and are, therefore, not necessarily a measure of future product revenue.

We are in production of our first four families of memory products; 256 kilobit, 64 kilobit, 16 kilobit and 4 kilobit nonvolatile Static Random Access memories. Our 256 kilobit nonvolatile Static Random Access memory product was qualified by our internal quality organization to the product's data sheet and in accordance with accepted industry standard practices in 1997 for sales into commercial and industrial markets and in 1998 for shipment into the military market. During 2002, we designed and qualified a 3 volt version of our 256 kilobit nonvolatile Static Random Access memory product for sale into commercial and industrial markets. Our 64 kilobit nonvolatile Static Random Access memories have been qualified for sale into commercial, industrial and military markets. Our 16 kilobit and 4 kilobit nonvolatile Static Random Access memories have been qualified for sales into commercial and industrial markets. Our nonvolatile Static Random Access memories are physically smaller and require less maintenance than Static Random Access Memory devices that achieve nonvolatility through the use of internal batteries and are more convenient to use than Static Random Access Memory devices that achieve nonvolatility by being combined with additional chips.

Our programmed semiconductor logic products are used to replace programmable logic devices when a customer has completed its system design and requires cost-reduced integrated circuits for volume manufacturing. Each programmed semiconductor logic product is configured using the individual customer's design files and is built to their specific requirements.

We have merged our logic design engineers into our memory design group in order to incorporate unique features into our next generation memory products currently under development.

We reduce capital requirements by subcontracting all phases of the manufacturing process. Chartered Semiconductor Manufacturing began providing silicon wafers for our nonvolatile Static Random Access memory products in September 1993 and continues to provide wafers based on our product technology. In February 2003, we received notification from Chartered Semiconductor Manufacturing that it will close its wafer fabrication facility #1 by March 2004. The memory wafers we purchase from Chartered Semiconductor Manufacturing are manufactured in facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the manufacturing process of our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6

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inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to twelve months. This would provide uninterrupted supply of our current

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0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into Chartered Semiconductor Manufacturing's facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

United Microelectronics and Chartered Semiconductor Manufacturing provide silicon wafers for our programmed semiconductor logic products based on 0.5 micron and 0.35 micron product technology, respectively. In February 2003, we received notification from United Microelectronics that they will be unable to supply us with logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market. Amkor Technology and Amkor Test Services provide assembly and final test services, respectively, for our nonvolatile Static Random Access memory products built from the wafers purchased from Chartered Semiconductor Manufacturing. Advanced Semiconductor Engineering Inc. provides assembly services for our programmed semiconductor logic products. Testing of our programmed semiconductor logic products is done either internally or by Advanced Interconnect Technologies.

During 2002, all of the wafers used to produce our nonvolatile Static Random Access memories were purchased from Chartered Semiconductor Manufacturing. Sales of these products accounted for approximately 80% of our revenue for 2002. Wafers were purchased from both Chartered Semiconductor Manufacturing and United Microelectronics in 2002 to support our programmed semiconductor logic products. Sales of these products accounted for approximately 7% of our revenue for 2002. The remaining 13% of our revenue was from research and development contracts.

We currently have three sales and marketing offices, located in Colorado and Georgia for the western and eastern North American markets, respectively, and in Windsor, England for the European market. Asia is currently covered from Colorado with plans to add an Asian sales office in 2003. We have engaged over 20 independent representative organizations with over 30 sales offices in North America, Europe and Asia and distributor organizations with over 100 sales offices worldwide. These organizations have multiple sales offices and technical sales personnel covering specific geographic territories. Through these organizations and their sales offices we believe that we are capable of serving a significant portion of the worldwide market with our full line of products.

MEMORY INDUSTRY AND PRODUCT BACKGROUND

The semiconductor memory market is large and highly differentiated. This market covers a wide range of product densities, speeds, features and prices. We believe that the ideal memory would have:

- o high bit density per chip to minimize the number of chips required in a system;

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- o fast data read and write speeds to allow a system's microprocessor to access data without having to wait;
- o the ability to read and modify data an unlimited number of times; o the ability to retain its data indefinitely when power is interrupted (i.e. nonvolatility);
- o availability in a variety of package types for modern assembly techniques; and
- o the ability to be tested completely by the manufacturer to ensure the highest quality and reliability.

Although customers would like to have memory components with all of these attributes, such components currently are not technically feasible. Therefore, the memory market is segmented with different products combining different mixes of these attributes.

Semiconductor memories can be divided into two main categories, volatile and nonvolatile. Volatile memories generally offer high densities and fast data access and programming speeds, but lose data when electrical power is interrupted. Nonvolatile memories retain data in the absence of electrical power, but typically have been subject to speed and testing limitations. They also wear out if they are modified too many times. There are a number of common volatile and nonvolatile product types, as set forth below. The list of products under "Combinations" is limited to single packages and does not include

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combinations of the listed memories in separate packages, such as Static Random Access Memories in combination with Electrically Erasable Programmable Read Only Memories and Erasable Programmable Read Only Memories.

| Volatile ----- | Nonvolatile ----- | Combinations ----- |
|-------------------------------|---|--|
| Static Random Access Memories | Electrically Erasable Programmable Read Only Memory | Nonvolatile Static Random Access Memory |
| Dynamic Random Access Memory | Flash Memory | Nonvolatile Random Access Memory |
| | Erasable Programmable Read Only Memory | Static Random Access Memory plus lithium battery |
| | Programmable Read Only Memory | |
| | Read Only Memory | |

VOLATILE MEMORIES. Rewritable semiconductor memories store varying amounts of electronic charge within individual memory cells to perform the memory function. In a Dynamic Random Access Memory the charge must be electrically refreshed many times per second or data are lost even when power is continuously

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applied. In a Static Random Access Memory the charge need not be refreshed, but data can be retained only if power is not interrupted.

NONVOLATILE MEMORIES. A Read Only Memory is programmed, or written, once in the later stages of the manufacturing process and cannot be reprogrammed by the user. Programmable Read Only Memory can be programmed once by the user, while Erasable Programmable Read Only Memory may be reprogrammed by the user a limited number of times if the Erasable Programmable Read Only Memory is removed from the circuit board in the equipment. Both Flash memory and Electrically Erasable Programmable Read Only Memory may be reprogrammed electrically by the user without removing the memory from the equipment. However, the reprogramming time on both Electrically Erasable Programmable Read Only Memory and Flash memory is excessively long compared to the read time such that in most systems the microprocessor must stop for a relatively long time to rewrite the memory.

COMBINATIONS. Many customers use a combination of volatile and nonvolatile memory functions to achieve the desired performance for their electronic systems. By using Static Random Access Memories in combination with Erasable Programmable Read Only Memory and Electrically Erasable Programmable Read Only Memory chips, customers can achieve nonvolatility in their systems and still retain the high data read and write speeds associated with Static Random Access Memory. This approach, however, is not desirable in many applications because of the size and cost disadvantages associated with using two or more chips to provide a single memory function. Also, it may take up to several seconds to transfer the data from the Static Random Access Memory to the Electrically Erasable Programmable Read Only Memory; an excessive time at power loss. As a result, attempts have been made to combine nonvolatile and volatile memory features in a single package or silicon chip. One approach combines a Static Random Access Memory with lithium batteries in a single package.

Nonvolatile Random Access Memories combine volatile and nonvolatile memory cells on a single chip and do not require a battery. We believe our nonvolatile Static Random Access memory represents a significant advance over existing products that combine volatility and nonvolatility on a single silicon chip. We combine a Static Random Access Memory cell with an Electrically Erasable Programmable Read Only Memory cell to create a small nonvolatile Static Random Access memory cell. Our unique and patented memory cell design enables the nonvolatile Static Random Access memory to be produced at densities higher than existing Nonvolatile Random Access Memories and at a lower cost per bit. In addition to high density and nonvolatility, the nonvolatile Static Random Access memory has fast data access and program speeds and the Static Random Access Memory portion of the memory can be modified an unlimited number of times without wearing out.

MEMORY TECHNOLOGY

We use an advanced implementation of silicon-nitride-oxide-semiconductor technology. Silicon-nitride-oxide-semiconductor technology stores electrical charge within an insulator, silicon nitride, and uses a thin tunnel oxide layer

to separate the silicon nitride layer from the underlying silicon substrate. Silicon-nitride-oxide-semiconductor technology prevents tunnel oxide rupture in the memory cell from causing an immediate loss of data. Oxide rupture has been a major cause of failures in Flash and Electrically Erasable Programmable Read Only Memories using floating gate technology, where charge is stored on a

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polysilicon conductor surrounded by insulators. To protect against these failures, many floating gate Electrically Erasable Programmable Read Only Memories have required error correction circuitry and redundant memory cells. This increases product cost by requiring more silicon area. Error correction and redundancy are not required for our products to protect against tunnel oxide rupture. In addition, our product designs incorporate a special test feature which can predict data retention time for every individual memory cell based on measuring the rate of charge loss out of the silicon nitride.

The Silicon-nitride-oxide-semiconductor technology coupled with our nonvolatile Static Random Access memory cell allows high performance nonvolatile Static Random Access Memory to be manufactured using complementary metal oxide semiconductor technology. The Silicon-nitride-oxide-semiconductor technology that we use has proven to be highly reliable, as demonstrated by our product qualification results to date.

OUR MEMORY PRODUCTS

Our 256 kilobit, 64 kilobit, 16 kilobit and 4 kilobit nonvolatile Static Random Access memory product families consist of nonvolatile memories that combine fast Static Random Access Memory and nonvolatile Electrically Erasable Programmable Read Only Memory characteristics within each memory cell on a single chip of silicon. The Static Random Access Memory portion of the nonvolatile Static Random Access memories is operated in the same manner as most existing Static Random Access Memory products. The Static Random Access Memory can be written to and read from an unlimited number of times. The Electrically Erasable Programmable Read Only Memory can be programmed, depending upon device type, by user control or automatically by transferring the Static Random Access Memory contents into the Electrically Erasable Programmable Read Only Memory. The Electrically Erasable Programmable Read Only Memory data can be transferred back into the Static Random Access Memory by user control or the data can be transferred automatically.

Our nonvolatile Static Random Access memories have fast data access speeds of 25, 35 and 45 nanoseconds. These data access speeds correspond to those of fast Static Random Access Memory and meet the requirements of much of the fast Static Random Access Memory market. The high speed characteristics of our nonvolatile Static Random Access memories allow them to be used in applications with various high performance microprocessors and digital signal processors such as those manufactured by Intel Corp., Texas Instruments and Motorola. Our nonvolatile Static Random Access memories can be used to replace Static Random Access Memories with lithium batteries and multiple chip solutions such as Static Random Access Memory plus Electrically Erasable Programmable Read Only Memory or Flash Memory.

The various combinations of density and speed allow our nonvolatile Static Random Access memory products to meet the design and performance requirements of many different types of systems.

We finalized commercial and industrial qualification of two versions of our initial 64 kilobit nonvolatile Static Random Access memory product offering in September 1991 and April 1992, respectively. We completed military qualification of our initial nonvolatile Static Random Access memories in May 1992. We began sales into the commercial market of our initial 16 kilobit nonvolatile Static Random Access memory product family in 1992. The nonvolatile Static Random Access memory product family also includes the 4 kilobit version. We completed the development and product qualification of the 64 kilobit AutoStore™ nonvolatile Static Random Access memory in 1993. The AutoStore™ version automatically detects power loss and transfers the data from the Static Random Access Memory cells into the Electrically Erasable Programmable Read Only Memory

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cells. This device does not require instructions or intervention from the system microprocessor to notify it of the power loss. Commercial and industrial qualification of our 256 kilobit nonvolatile Static Random Access memory occurred in 1997 and military qualification of our 256 kilobit nonvolatile Static Random Access memory was completed in the second quarter of 1998. In 2002, we qualified our 256 kilobit 3 volt nonvolatile Static Random Access memory for use in commercial and industrial applications.

PROGRAMMABLE LOGIC DEVICE INDUSTRY

The electronics industry uses logic integrated circuits to route electrical signals to perform tasks unique to that system. These unique operations differentiate one system capability from another. Field Programmable Gate Arrays

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and Complex Programmable Logic Devices have become popular for this purpose, and are supplied by a number of major suppliers, such as Xilinx and Altera. These products provide high performance, flexible solutions, but the technology required to allow these products to be programmable is expensive when compared to non-programmable, fixed function, application specific products.

OUR PROGRAMMED SEMICONDUCTOR LOGIC PRODUCTS

Programmed semiconductor logic products are built to order based on customer designs that are electronically transferred to our design workstations. Our engineers then verify the design and implement it in the appropriate technology to provide a cost effective solution for the customer.

Our customers often ask that we provide them with programmed semiconductor logic products at a lower price than their existing logic products without sacrificing the products' functionality. Our software conversion tools translate our clients' design files of their logic products generally allowing us to provide our clients with a logic product that has the same functionality but at a lower cost than their existing logic products. We have also developed a testability feature that allows us to test our programmed semiconductor logic products without dedicating a portion of the chip area to such testing.

We subcontract the production of our semiconductor logic products to various fabrication facilities. We provide the fabrication facilities with the design of our programmed semiconductor logic products and these facilities install our designs on the chips through standard wafer processing. We currently contract with United Microelectronics for 0.5 micron technology and with Chartered Semiconductor Manufacturing for 0.35 micron technology, in each case through purchase orders on a case- by-case basis. In February 2003, we received notification from United Microelectronics that it will be unable to supply us with logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market.

PRODUCT WARRANTIES

We presently provide a one-year limited warranty on our products.

RESEARCH AND DEVELOPMENT

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Our research and development activities are centered around developing new products and reducing the cost of our nonvolatile Static Random Access memory products as well as the development and design of customer specific programmed semiconductor logic products. We continually work to improve yield on the 0.8 micron technology in order to reduce costs. In order to further reduce costs, since late 1997 we have used outside experts for testing of our products. We have a test floor used for evaluation of our technologies, product designs and product quality. The test floor is also used for production testing of silicon wafers.

During 2002, we developed and qualified a 3 volt version of our 256 kilobit nonvolatile Static Random Access memory product, built on the 0.8 micron technology from Chartered Semiconductor Manufacturing. The 3 volt version of our 256 kilobit nonvolatile Static Random Access memory product is qualified for use in commercial and industrial applications.

In October 2001, we entered into an agreement with Amkor Technology to cooperate to develop a semiconductor process module that combines our nonvolatile technology with Amkor's advanced 0.25 micron digital complementary metal-oxide semiconductor, or "CMOS," fabrication line. CMOS is the semiconductor technology used in the transistors that are manufactured for most of today's computer microchips. The module will incorporate silicon oxide nitride oxide silicon technology, which will be used to manufacture both high density silicon oxide nitride oxide silicon flash and nonvolatile Static Random Access memories, for stand alone and embedded products. During 2002, our research and development team along with Amkor's research and development team worked aggressively on the co-development program. The co-development program is scheduled to yield qualified shipments in the third quarter of 2003, with a 1 megabit 3.0 volt nonvolatile Static Random Access memory as the primary development vehicle. In February 2003, when Amkor Technology sold controlling interest of their wafer fabrication facility to Anam Semiconductor. All contractual obligations were transferred to Anam U.S.A., a wholly-owned subsidiary of Anam Semiconductor. Our co-development program has not been

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affected by the change in ownership and we do not expect any material changes in the support required to complete the program. In August 2003, we reported that we received the first complete processed silicon from this development, and that positive initial test results indicate that samples of a new 1 megabit 3 volt nonvolatile semiconductor memory product are on schedule for shipment to prospective customers in the middle of the third quarter of 2003. We cannot assure you that we will not discover technical problems or manufacturing concerns with this new product, that demand will develop for the new product or that we will be able to sell this new product at a profit.

In an effort to expand our products, we acquired, from WebGear, incomplete research and development of technology that we intended to apply within the emerging Bluetooth market segment. "Bluetooth" is an industry standard, short range wireless communications technology designed to allow a variety of electronic devices, such as wireless telephone, personal digital assistants, notebook computers, desktop computers, peripheral input-output devices, television set-top boxes and Internet appliances to exchange data without the use of physical cabling. During the twelve month period ending December 31,

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2002, we spent approximately \$123,000 on the development of our Bluetooth technology. Due to a poor semiconductor market and delays related to widespread adoption of Bluetooth technology, we have decided to stop further development of our Bluetooth technology until the semiconductor market recovers and the Bluetooth technology becomes generally accepted.

We anticipate that our acquisition of Q-DOT Group will enable us to enter the high speed data communications market, addressing both wired and wireless applications, based on advanced Silicon Germanium process technology. Silicon Germanium is rapidly becoming the technology of choice for many analog, mixed signal and high speed digital circuits. During 2002, we spent approximately \$107,000 on marketing and engineering efforts to determine which applications our integrated circuits, built on the Silicon Germanium process technology, would best fit into. In the next twelve months, we anticipate spending approximately \$200,000 in order to develop and manufacture integrated circuits using the Silicon Germanium process technology.

Our research and development expenditures for the years ended December 31, 2002 and 2001 were \$4,308,499 and \$3,155,360, respectively. We intend to continue expenditures on research and development; however, the percentage of research and development expenditures is expected to decrease relative to expenditures relating to the commercial production of our existing products.

MANUFACTURING AND QUALITY CONTROL

Our manufacturing strategy is to use subcontractors whose production capabilities meet the requirements of our product designs and technologies.

In 1992, we entered into a manufacturing agreement with Chartered Semiconductor Manufacturing to provide us with silicon wafers for our products. Under the manufacturing agreement with this subcontractor, it has installed a manufacturing process for versions of our current and future memory products. In February 2003, we received notification from Chartered Semiconductor Manufacturing that they will close their wafer fabrication facility #1 by March 2004. The memory wafers we purchase from Chartered Semiconductor Manufacturing are manufactured in facility #1. We are working with Chartered Semiconductor Manufacturing to transfer the manufacturing process of our memory wafers to Chartered Semiconductor Manufacturing's facility #2. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming the transfer can produce memory wafers that meet our specifications, we anticipate the transfer to be completed in nine to twelve months. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot complete the transfer of manufacturing into Chartered Semiconductor Manufacturing's facility #2 or if we cannot contract with another supplier, this will have a material negative impact on our future revenues and earnings.

We use United Microelectronics for wafer procurement of our 0.5 micron programmed semiconductor logic products and Chartered Semiconductor Manufacturing for wafer procurement of our 0.35 micron programmed semiconductor logic products. In February 2003, we received notification from United Microelectronics that they will be unable to supply us with logic wafers after August 2003. We plan to support customers with 0.5 micron logic wafers manufactured at United Microelectronics through December 2003 by offering opportunities to purchase their life-time requirements for these products with

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deliveries scheduled by the end of the year. After this period, we do not plan to support sales of 0.5 micron logic products to the market. During 2002, all of our product revenue was based on wafers purchased from Chartered Semiconductor Manufacturing and United Microelectronics.

Device packaging of our nonvolatile Static Random Access memory products continues at the Amkor facilities in the Philippines and South Korea. Final test for our nonvolatile Static Random Access memory products continues with Amkor Test Services, in Wichita, Kansas. Device packaging of our programmed semiconductor logic products continues at Advanced Semiconductor Eng., Inc. in Taiwan. Final test of our programmed semiconductor logic products is completed in our Colorado Springs facility and at Advanced Interconnect Technologies in San Jose, California.

Our subcontractors provide quality control for the manufacture of our products. We maintain our own quality assurance personnel and testing capability to assist the subcontractors with their quality programs and to perform periodic audits of the subcontractors' facilities and finished products to ensure product integrity.

Our quality and reliability programs were audited by several commercial and military customers during 2002 and 2001 as part of routine supplier certification procedures. All such audits were completed satisfactorily. We are currently implementing policies and procedures required to achieve ISO 9001 certification by the end of 2003.

MARKETS

Our memory products are targeted at fast nonvolatile Static Random Access Memory markets, Static Random Access Memory plus Electrically Erasable Programmable Read Only Memory markets and other nonvolatile memory products broadly used in commercial, industrial and military electronic systems.

Simtek products are typically used to store critical data when power is removed from the system. Often this data must be captured very quickly and we believe that the fast write time of Simtek's nonvolatile Static Random Access Memory products is a significant benefit over nonvolatile memory alternatives. Also, our products are used in systems that are "write intensive" such as data collection, event recording and others where we believe that the unlimited write endurance of our nonvolatile Static Random Access Memory is superior to alternative nonvolatile memory solutions.

Until now Simtek's markets have been limited by the density at which Simtek could cost effectively produce products. We believe that the introduction of our 1 megabit nonvolatile Static Random Access Memory products in 2003 manufactured on 0.25 micron technology and the introduction of our Value Added Memory (VAM) solutions will greatly increase our served market segments. By "VAM solutions" we are describing our new nonvolatile memory product architecture that includes logic functions in addition to standard memory functions on the same product, thus increasing a functionality for prospective customers.

| | |
|----------------------------------|----------------------------------|
| Airborne and Space Computers * | Lighting * |
| Automotive Control & Monitoring* | Medical Instruments * |
| Portable Telephone Modems | Control Systems * |
| Portable Computers | Currency Changers* |
| Postal Meters | Data Monitoring Equipment * |
| Printers * | Disk Drives * |
| Process Control Equipment * | Facsimile Machines * |
| Radar and Sonar Systems * | Gaming * |
| Telecommunications Systems * | GPS Navigational Systems* |
| Terminals * | Guidance and Targeting Systems * |

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| | |
|------------------------------|------------------------------------|
| Test Equipment * | High Performance Workstations* |
| Utility Meters * | Laser Printers * |
| Vending Machines | Mainframe Computers |
| Weapon Control Systems * | CD Writers * |
| Security Systems * | Copiers * |
| Broadcase Equipment * | Cable TV Set Top Converter Boxes * |
| Studio Recording Equipment * | Multi- Function Printers* |
| Servers* | RAID Controllers* |
| Factory Automation Systems* | Robotics* |
| Mass Storage Systems* | |

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The applications marked with an asterisk currently use our products. The other applications use similar products, but may use our products in newer designs.

We are increasing marketing and sales emphasis on office automation products such as copiers and mass storage systems as well as increasing sales efforts in data communications and automotive applications.

SALES AND DISTRIBUTION

Our strategy is to generate sales through the use of independent sales representative agencies and distributors. We believe this strategy provides one of the fastest and most cost effective ways to assemble a large and professional sales force.

We currently have three sales and marketing offices, located in Colorado and Georgia for the western and eastern North American markets, respectively, and in Windsor, England for the European market. Asia is currently covered from Colorado with plans to add an Asian sales office in 2003. We have engaged over 20 independent representative organizations with over 30 sales offices in North America, Europe and Asia and distributor organizations with over 100 sales offices worldwide. These organizations have multiple sales offices and technical sales personnel covering specific geographic territories. Through these organizations and their sales offices we believe that we are capable of serving a significant portion of the worldwide market with our full line of products.

Independent sales representatives typically sell a limited number of non-competing products to semiconductor users in particular geographic assigned territories. Distributors inventory and sell products from a larger number of product lines to a broader customer base. These sales channels are complementary, as representatives and distributors often work together to consummate a sale, with the representative receiving a commission from us and the distributor earning a markup on the sale of products. We supply sales materials to the sales representatives and distributors.

For our marketing activities, we evaluate external marketing surveys and forecasts and perform internal studies based, in part, on inputs from our independent sales representative agencies. Marketing decisions are also based on forecasts and inputs from our current and prospective customers. We prepare brochures, data sheets, application notes, product collateral and product advertising with our internal marketing resources and contracted outside services.

CUSTOMERS AND BACKLOG

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We have shipped qualified nonvolatile Static Random Access memory products to customers directly and through distributors since the September 1991 commercial product qualification. The majority of our sales are to Fortune 500 companies. Approximately 55% of our net product sales during 2002 were to customers in the United States, approximately 28% were to customers in the Pacific Rim, and approximately 11% were to customers in Europe. The remaining product sales were to customers in other locations.

As of June 30, 2003, we had a backlog of unshipped customer orders of approximately \$1,754,000, which is expected to be filled by December 31, 2003. Orders are cancelable without penalty at the option of the purchaser prior to 30 days before scheduled shipment and therefore are not necessarily a measure of future product revenue.

LICENSES

Zentrum Mikroelektronik Dresden. In June of 1994, we signed a joint development agreement with Zentrum Mikroelektronik Dresden to install the 1.2 micron products for manufacture at Zentrum Mikroelektronik Dresden and to jointly develop the 0.8 micron technology at Chartered Semiconductor Manufacturing. The agreement was modified in August of 1994 by a Letter of Intent between us to bypass the installation of our nonvolatile Static Random Access memory products based on a 1.2 micron process technology at Zentrum Mikroelektronik Dresden and instead modify the 0.8 micron technology to run in the Zentrum Mikroelektronik Dresden factory. Zentrum Mikroelektronik Dresden has paid us all the monetary requirements under this agreement including any royalties we may receive from sales of these jointly developed products.

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Future License Sales. We intend to sell product and technology licenses on a selective basis. We will continue to seek licensing partners who can contribute to the development of the nonvolatile Static Random Access memory market and provide a meaningful level of revenue to us while not posing an undue threat in the marketplace.

COMPETITION

Our products compete on the basis of several factors, including data access and programming speeds, density, data retention, reliability, testability, space savings, manufacturability, ease of use and price.

Products that compete with our family of Nonvolatile Static Random Access Memories fall into three categories. The first category of products that compete with our Nonvolatile Static Random Access Memories are volatile and nonvolatile chips used in combination, such as fast Static Random Access Memories used with Erasable Programmable Read Only Memories, Electrically Erasable Programmable Read Only Memories, or Flash memory. We believe that we have advantages over these products because the nonvolatile static random access memory allows data to be stored in milliseconds as compared to seconds for chips used in pairs. Our single chip solution provides a space savings and easier manufacturing. Our single chip solution generally provides increased reliability versus multiple chips. We believe it will be able to compete with many solutions requiring density up to 256 kilobits; however, in those instances where the density requirement is beyond 256 kilobits the Nonvolatile Static Random Access Memory

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does not compete. New systems designs tend to use larger memory densities greater than 256 kilobits, reducing the market available to us. We estimate that less than 10% of the market uses 256 kilobit or smaller memories. Competitors in the multiple chip category include Cypress Semiconductor Corp., Integrated Technology, Inc., Toshiba, Fujitsu, Advanced Micro Devices, Inc., Atmel and National Semiconductor Corp. We currently hold less than 1% market share this market category.

The second category of products that compete with our Nonvolatile Static Random Access Memories are products that combine Static Random Access Memories with lithium batteries in specially adapted packages. These products generally are slower in access speeds than our Nonvolatile Static Random Access Memories due in part to limitations caused by life of the lithium battery when coupled with a faster Static Random Access Memory. Our Nonvolatile Static Random Access Memories are offered in standard, smaller, less expensive packages, and do not have the limitation on lifetime imposed on the Static Random Access Memory/battery solutions by the lithium battery. Our Nonvolatile Static Random Access Memories can also be used for wave soldered automatic insertion circuit board assembly since they do not have the temperature limitations of lithium batteries. However, lithium battery-backed Static Random Access Memory products are available in densities of 1 megabit and greater per package. Companies currently supplying products with lithium batteries include Dallas Semiconductor Corp., ST Microelectronics and Texas Instruments. We currently hold approximately 10% of this market category.

The third category consists of Nonvolatile random access memories that combine Static Random Access Memory cells and Electrically Erasable Programmable Read Only Memory memory cells on a monolithic chip of silicon. Our current product offerings are of higher density, faster access times and we believe can be manufactured at lower costs per bit than competitor's Nonvolatile Random Access Memories. We believe that traditional manufacturers of Nonvolatile Random Access Memories have discontinued manufacturing their products.

Zentrum Mikroelektronik Dresden, through their license agreement with us, has the worldwide right to sell under the Zentrum Mikroelektronik Dresden label nonvolatile Static Random Access memories developed jointly by Zentrum Mikroelektronik Dresden and us. With volume production established at Zentrum Mikroelektronik Dresden, Zentrum Mikroelektronik Dresden is selling such Nonvolatile Static Random Access Memories. This has had a positive impact for us by creating a second source, which is required by many larger companies, for our Nonvolatile Static Random Access Memory products. However, in 2001 and 2002, we were required to reduce prices to specific markets due to the increased competition from Zentrum Mikroelektronik Dresden. We believe that the competition from Zentrum Mikroelektronik Dresden has increased the number of companies using nonvolatile Static Random Access Memories, but may have put downward pressure on average selling prices.

We are aware of other semiconductor technologies for nonvolatile memory products. These technologies include ferroelectric memory and thin film magnetic memory. Each of these requires a newly developed process technology which has processing risk, but may deliver performance characteristics superior to our

technology if perfected. Each of these processes integrates materials into the silicon processing steps which are not commonly used for semiconductor memory

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products today. If successful, these products could perform the same functions in a system that our products currently perform, but may be manufactured in higher density or lower cost products. Ramtron, Raytheon, Symetrix, and others are developing ferroelectric products. IBM, Motorola and Cypress Semiconductor are developing magnetic film products.

Programmed semiconductor logic-type solutions are supported by semiconductor companies such as AMI Semiconductor, NEC, Flextronics, and Temic. These competitors provide a wide variety of solutions using semiconductor processes ranging from 0.8 micron process technology to 0.25 micron process technology. The business of converting customers' programmable logic products to non-programmable logic products is highly dependent on the customers' designs and system performance requirements. Each competitor's process technology and software tools will affect its ability to support any particular requirement.

PATENTS AND INTELLECTUAL PROPERTY

We undertake to protect our product designs and technologies under the relevant intellectual property laws as well as by utilizing internal disclosure safeguards. Under our licensing programs, we exercise control over the use of our protected intellectual property and have not permitted our licensees to sublicense our nonvolatile Static Random Access memory products or technology.

It is common in the semiconductor industry for companies to obtain copyright, trademark, trade secret and patent protection of their intellectual property. We believe that patents are significant in our industry, and we are seeking to build a patent portfolio. We expect to enter into patent license and cross-license agreements with other companies. We have been issued 26 patents in the United States on our Nonvolatile Static Random Access Memory cell and other circuit designs. These patents relate to circuit implementations used to design our nonvolatile memory products. The use of these patents allows us to design circuits with lower power consumption and faster store timing than would be possible otherwise giving us a competitive advantage over other technologies. These patents have terms that expire through 2008 to 2013. We have also taken steps to obtain European patents in the large European countries, including Germany, France, the United Kingdom and Sweden on the nonvolatile memory patents that would have potential value in international markets. We have four applications that have been allowed and intend to prepare patent applications on additional circuit designs we have developed. However, as with many companies in the semiconductor industry, it may become necessary or desirable in the future for us to obtain licenses from others relating to our products.

Many of our product designs are not protected by patents. We have one patent on our logic product technology but protect most of our logic product technology as trade secrets. Our logic products accounted for approximately 7% of our sales for the year ended December 31, 2002. We also protect aspects of our technology that relate to our semiconductor memory products as trade secrets. There are disadvantages to protecting intellectual property as trade secrets rather than patents. Unlike patents, trade secrets must remain confidential in order to retain protection as proprietary intellectual property. We cannot assure you that our trade secrets will remain confidential. If we lose trade secret protection, our business could suffer.

We have received federal registration of the term "Novcel" a term we use to describe our technology. We have not sought federal registration of any other trademarks, including "Simtek" and "QuantumTrapTM" or our logo.

Late in 2002, we were contacted by Syndia Corporation regarding possible infringement on certain patents. Syndia Corporation informed us that it had acquired a portfolio patents issued to Jerome Lemelson. This patent portfolio was not included in the portfolio owned by Lemelson Foundation Partnership, an entity with which we reached a licensing agreement in 1999. We are currently

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reviewing any potential infringements. If there are any infringements, we believe that we can reach a reasonable licensing agreement with Syndia Corporation.

EMPLOYEES

As of the date of this prospectus we had 53 full-time employees.

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PROPERTIES

We lease approximately 16,000 square feet of space in Colorado Springs, Colorado. This space includes a product engineering test floor of approximately 3,000 square feet. The lease expires on February 28, 2008. We lease approximately 17,000 square feet of space in Colorado Springs which is occupied by Q-DOT, our wholly-owned subsidiary. This space includes a research and development lab facility of approximately 2,500 square feet. The lease expires on April 30, 2005. Through May 31, 2002, approximately 2,400 square feet of the space was subleased and the tenants did not renew the lease.

LEGAL PROCEEDINGS

We are not aware of any legal proceedings against us, where our property is the subject of the proceeding, or that a government authority is contemplating as of the date of this prospectus.

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DIRECTORS, EXECUTIVE OFFICERS, PROMOTERS AND CONTROL PERSONS

Our directors and executive officers are as follows:

| Name ---- | Age --- | Position ----- |
|--------------------------|------------|---|
| Douglas M. Mitchell..... | 54 | Director, Chief Executive Officer, President and Chief Financial Officer (acting) and Chairman of the Board of Q-DOT Subsidiary |

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| | | |
|-------------------------|----|--|
| Thomas Linnenbrink..... | 60 | Director, President, Chief Executive Officer, and Technical Director of Q-DOT Subsidiary |
| Donald G. Carrigan..... | 55 | Vice President Sales and Marketing, Corporate Secretary |
| David W. Still..... | 47 | Vice President of Engineering |
| Klaus C. Wiemer..... | 66 | Director |
| Robert H. Keeley..... | 62 | Director |
| Harold Blomquist..... | 51 | Director |
| John Heightley..... | 67 | Director |
| Robert C. Pearson..... | 68 | Director |

DOUGLAS M. MITCHELL, served as our Chief Operating Officer from July 1, 1997 until January 1, 1998 at which time he became Chief Executive Officer, President and a director. Mr. Mitchell is also the Chairman of the Board of our subsidiary, Q-DOT. Mr. Mitchell has over 20 years of experience in the semiconductor and electronics systems industry holding various marketing and sales management positions. Prior to joining us, he was President and Chief Executive Officer of a wireless communications company, Momentum Microsystems. Prior to this Mr. Mitchell was Vice President of Marketing with SGS-Thomson Microelectronics, responsible for marketing and applications engineering of Digital Signal Processing, transputer, microcontroller and graphics products in North America. SGS- Thomson had acquired Inmos Corporation where Mr. Mitchell had been Manager, US Marketing and Sales. Mr. Mitchell has held management positions at Texas Instruments and Motorola and has been responsible for various product definition and product development. Mr. Mitchell holds a Bachelors degree in electrical engineering from the University of Texas and a Masters of Business Administration degree from National University.

THOMAS E. LINNENBRINK, has served as President, Chief Executive Officer, Technical Director and a director of Q-DOT, Inc. since he co-founded it in 1977. Mr. Linnenbrink also founded Q-DOT Group, in 1990 and served as its President, Chief Executive Officer, and a director until it was acquired by Simtek in March, 2001. Mr. Linnenbrink has served in various technical management and marketing positions for more than 35 years while advancing the state-of-the-art in data acquisition and signal processing. He pioneered high-speed charge-coupled device (CCD) and silicon germanium (SiGe) technology and applications. Mr. Linnenbrink has published numerous technical papers and holds more than a dozen patents. He currently chairs IEEE Technical Committee 10 which writes and promotes standards for ADCs, DACs, digital waveform recorders, and pulse technology. Mr. Linnenbrink holds a Bachelors degree in electrical engineering from the Illinois Institute of Technology and a Masters of Science degree in engineering science with emphasis on automatic control from Rensselaer Polytechnic Institute.

DONALD G. CARRIGAN, has served as Vice President of Sales and Marketing and Corporate Secretary since joining Simtek in September of 2001. Mr. Carrigan has over 29 years experience in the semiconductor industry. Prior to joining Simtek he was vice president of sales for Ramtron International Corporation and an

executive officer of Ramtron. During his 12 years at Ramtron, Mr. Carrigan held various marketing and sales positions as well as General Manager of the ferroelectric product business unit. Prior to joining Ramtron, Mr. Carrigan was with Inmos Corporation for 8 years where he held various positions in engineering and marketing management including the Director of Marketing position. Mr. Carrigan also held positions in engineering management and R & D with NCR Microelectronics and Texas Instruments. Mr. Carrigan holds a Bachelors degree in Electrical Engineering from the University of Tennessee, Knoxville, Tennessee and a Masters degree in Electrical Engineering from Southern Methodist University, Dallas, Texas.

DAVID W. STILL has served as the Vice President of Engineering at Simtek since December of 2001. Mr. Still has over 24 years experience in various corporate, management, and technical positions within the semiconductor industry, where he has successfully managed engineering teams developing products in CMOS, bipolar, and GaAs processes, as well as associated CAD software. Prior to his work at Simtek, he served as Vice President of IC engineering for Comsilica, developing SOC WLAN products for 802.11a and b wireless networks. Previously, he served as manager of the Colorado Design Center for Lattice Semiconductor (formerly Minc), an FPGA / CPLD CAD software company. Mr. Still was also a Vice President of Engineering at Array Microsystems, a digital video product company, where he managed the CMOS IC design and software development groups. He has also held engineering management positions with Prisma and Honeywell. At Honeywell, he received two technical excellence awards for his contributions to PLA designs. Mr. Still has published over 18 technical papers and has received 2 patents. Mr. Still holds a Masters degree in Electrical Engineering from Arizona State University and a Bachelors degree in Electrical Engineering from the University of Nebraska.

KLAUS C. WIEMER, has served as a director since May 1993. He also serves on the boards of InterFET Corp of Garland, TX, UTAC of Singapore and Scientific Systems of Dublin, Ireland. From July 1993 to May 1994, Dr. Wiemer served as President and Chief Executive Officer of our company. Dr. Wiemer is the founder of Communicant Semiconductor Technologies AG, an integrated circuit foundry start-up company located in Frankfurt/Oder, Germany, and served as its CEO until May 2002. Since May 1994, Dr. Wiemer has been an independent consultant. From April 1991 to April 1993, Dr. Wiemer was President and Chief Executive Officer of Chartered Semiconductor Manufacturing Pte., Ltd. in Singapore, and from July 1987 to March 1991, Dr. Wiemer was President and Chief Operating Officer of Taiwan Semiconductor Manufacturing Company. Prior to 1987, Dr. Wiemer was a consultant for the Thomas Group specializing in the area of integrated circuit manufacturing and previously worked for fifteen years with Texas Instruments. Dr. Wiemer holds a Bachelors degree in physics from Texas Western College, a Masters degree in physics from the University of Texas and a Ph.D. in physics from Virginia Polytechnic Institute.

ROBERT H. KEELEY, has served as a director since May 1993. He is currently the El Pomar Professor of Business Finance at the University of Colorado at Colorado Springs. From 1986 until he joined the faculty at the University of Colorado at Colorado Springs in 1992, Dr. Keeley was a professor in the Department of Industrial Engineering and Engineering Management at Stanford University. Prior to joining Stanford, he was a general partner of Hill and Carmen (formerly Hill, Keeley and Kirby), a venture capital firm. Dr. Keeley

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holds a Bachelors degree in electrical engineering from Stanford University, an M.B.A. from Harvard University and a Ph.D. in business administration from Stanford University. Dr. Keeley is also a director of two private companies.

HAROLD A. BLOMQUIST, was originally appointed as a director in May 1998, resigned from the Board in July 2001 and was re-appointed in January 2002. Mr. Blomquist is currently employed as Sr. Vice President of Tower Semiconductor, Ltd, and Chief Executive Officer of Tower's US subsidiary, Tower Semiconductor USA, Inc. He has served as a Director on the Board of Microsemi, Inc. since February 2003 and as a consultant to venture investors and early stage technology companies particularly in the semiconductor and electronic components areas. In the past, he was employed as President and CEO of ZMD America, Inc. Before ZMD America, Inc., Mr. Blomquist served as Sr. Vice President of AMI Semiconductor as well as in several other executive capacities within AMIS' foreign subsidiaries. Before joining AMI in April 1990, Mr. Blomquist held a series of increasingly responsible positions in engineering, sales, and marketing for several semiconductor firms, including Texas Instruments, Inmos Corporation and General Semiconductor. Mr. Blomquist was granted a BSEE degree from the University of Utah and also attended the University of Houston, where he pursued a joint Juris Doctor/MBA course of study.

JOHN HEIGHTLEY, was appointed as a director in September 1998. Mr. Heightley is currently executive vice president, chief technology officer and a director for United Memories of Colorado Springs. From 1990 to 1996, Mr. Heightley was president and chief executive officer of Adaptive Solutions, Inc. In 1986 and 1987, he held the position of president and chief executive officer of Gigabit Logic, Inc.; in 1987 he was appointed chairman of Gigabit along with his responsibilities as president and chief executive officer. Mr. Heightley held these positions until 1990. Prior to Gigabit, Mr. Heightley served as

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president and chief executive officer of Ramtron Corporation from 1985 to 1986 and from 1978 to 1985 he served as a member of the board of directors, president, chief operating officer and vice president of memory products for Inmos International, plc. Mr. Heightley was granted a B.S. degree in Engineering Science from Penn State University and earned a M.S. degree in Electrical Engineering from M.I.T.

ROBERT C. PEARSON, has served as a director since July 2002. He joined Renaissance Capital Group, Inc. in April 1997 and is Senior Vice President-Investments. From May 1994 to May 1997, Mr. Pearson was an independent financial management consultant primarily engaged by Renaissance. From May 1990 to May 1994, he served as Chief Financial Officer and Executive Vice President of Thomas Group, Inc., a management consulting firm, where he was instrumental in moving a small privately held company from a start-up to a public company with over \$40 million in revenues. Prior to 1990, Mr. Pearson spent 25 years at Texas Instruments Incorporated where he served in several positions including Vice President-Controller and later as Vice President-Finance. Mr. Pearson holds a BS in Business from the University of Maryland and was a W.A. Paton Scholar with an MBA from the University of Michigan. He is currently a Director of Poore Brothers, Inc., CaminoSoft, Inc., Advanced Power Technology, Inc., and Simtek, all publicly held. He is also a Director of eOriginal, Inc., a privately held company.

Subject to the requirement that the board of directors be classified if it consists of six or more persons, directors serve until the next annual meeting or until their successors are elected and have qualified. Officers serve at the

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discretion of the board of directors. Vacancies on the board of directors are filled by the existing directors.

In 1994, we entered into a Product License Development and Support Agreement, with Zentrum Mikroelektronik Dresden. This agreement, modified later in 1994 and again in 1995, provides Zentrum Mikroelektronik Dresden the right to appoint two members to our board of directors which members must be acceptable to, and approved by, our board of directors. Although this agreement and its modifications do not have a set termination date, Zentrum Mikroelektronik Dresden's two nominees to our board of directors resigned in April 1998 and Zentrum Mikroelektronik Dresden has not attempted to nominate anyone to our board since then. Zentrum Mikroelektronik Dresden currently holds a competitive position to us in the marketplace. Furthermore, Zentrum Mikroelektronik Dresden's right to appoint two members to our board of directors was subject to Zentrum Mikroelektronik Dresden's compliance with the terms of the Product License Development and Support Agreement and its amendments. We cannot assure you that Zentrum Mikroelektronik Dresden will not claim that it has the right to appoint two members to our board of directors in the future, again acceptable to and approved by our board of directors, or that Zentrum Mikroelektronik Dresden will not succeed in securing such appointment.

SPECIAL PROVISIONS IN ARTICLES OF INCORPORATION

Our articles of incorporation contain a provision limiting the liability of directors to the fullest extent permitted under the Colorado Business Corporation Act. The Colorado Business Corporation Act allows a corporation to limit the personal liability of a director to the corporation or its shareholders for monetary damages for breaches of fiduciary duty as a director except:

- o breaches of the director's duty of loyalty to the corporation or to its shareholders;
- o acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of the law;
- o other acts specified in the Colorado Business Corporation Act, such as acts involving voting for or assenting to a distribution made in violation of the Colorado Business Corporation Act or our articles of incorporation;
- o transactions from which the director derived an improper personal benefit.

The provisions of the Colorado Business Corporation Act will not impair our ability to seek injunctive relief for breaches of fiduciary duty. Such relief, however, may not always be available as a practical matter.

Our articles of incorporation also contain a provision that requires us to indemnify, to the fullest extent permitted under the Act, directors and officers against all costs and expenses reasonably incurred in connection with the defense of any claim, action, suit or proceeding, whether civil, criminal, administrative, investigative or other, in which such person may be involved by virtue of being or having been a director, officer or employee.

Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended, may be permitted to directors, officers and controlling persons of Simtek pursuant to the foregoing provisions, or otherwise, Simtek has

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been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable.

EXECUTIVE COMPENSATION

The following table sets forth information for each of our last three fiscal years with respect to the annual and long-term compensation of the only individual acting as the Chief Executive Officer during the fiscal year ended December 31, 2002 and each other executive officer of the Company as of December 31, 2002 whose annual salary and bonus for the fiscal year ended December 31, 2002 exceeded \$100,000.

Summary Compensation Table

| Name and Principal Position ----- | Year | Annual Compensation | | | Other Annual Compen- sation(\$) | Long Term Compens ----- Awards |
|--|------|---------------------|-------------|----------------------|--|--------------------------------------|
| | | Salary(\$) | Bonus(\$) | Options/ SARs (#) | ----- | |
| Douglas M. Mitchell(1) Chief Executive Officer Chief Financial Officer (acting) and President | 2002 | \$175,000 | -- | -- | -- | |
| | 2001 | \$167,708 | \$34,375 | -- | 300,000 | |
| | 2000 | \$150,000 | \$62,500 | -- | 40,000 | |
| Thomas Linnenbrink(2) Chief Executive Officer President and Technical Director of Q-DOT Subsidiary | 2002 | \$135,408 | -- | -- | 30,000 | |
| | 2001 | \$111,447 | \$13,520(3) | \$5,700(4) | 150,000 | |
| Donald G. Carrigan(5) Vice President of Sales and Marketing | 2002 | \$130,000 | \$42,228(6) | -- | -- | |
| | 2001 | \$ 40,625 | -- | -- | 250,000 | |
| David W. Still(7) Vice President of Engineering | 2002 | \$130,000 | -- | -- | -- | |
| | 2001 | \$ 20,417 | -- | -- | 250,000 | |

- (1) Mr. Mitchell became our Chief Executive Officer and President on January 1, 1998.
- (2) Simtek acquired Q-DOT on March 14, 2001 and these payments reflect what he was paid after that date in his capacity as President of our Q-DOT subsidiary.
- (3) Mr. Linnenbrink personally secured bank loans used in the operations of Q-DOT. Mr. Linnenbrink was guaranteed compensation for personally securing these loans. The loans were paid off on March 14, 2002 and Mr. Linnenbrink will receive no further compensation related to these loans.
- (4) At the time of the Q-DOT acquisition, Mr. Linnenbrink was paid for vacation hours that were in excess of Simtek's vacation policy.

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- (5) Mr. Carrigan became our Vice President of Sales and Marketing on August 31, 2001.
- (6) Mr. Carrigan is on a bonus plan that is directly related to net revenue and department spending.
- (7) Mr. Still became our Vice President of Engineering on December 3, 2001.

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OPTION GRANT TABLE

The following table sets forth certain information with respect to options granted by us during the fiscal year ended December 31, 2002 to the individuals named in the summary compensation table above.

| Name | Shares subject to Options/SAR's Granted | Shares subject to Options/SAR's Granted to Employees in Fiscal Year % of Total | Exercise Price Per Share | Market Price per Share on Date of Grant | Expiration Date |
|--------------------|--|--|-----------------------------------|--|--------------------|
| Thomas Linnenbrink | 30,000 (1) | 3.83% | \$0.41 | \$0.41 | 1/01/2009 |

- (1) 30,000 options were granted to Mr. Linnenbrink in his capacity as Chief Executive Officer, President and Technical Director of our Q-DOT subsidiary; these options vest at 1/36th per month over 3 years.

YEAR-END OPTION TABLE

The following table sets forth, as of December 31, 2002, the number of shares subject to unexercised options held by the individuals named in the summary compensation table above. 1,094,723 options had an exercise price greater than the last sale price of our common stock underlying the options as reported by the OTC Electronic Bulletin Board on the last trading day of the fiscal year ended December 31, 2002.

Aggregated Option/SAR Exercises in Last Fiscal Year
and Fiscal Year-End Option/SAR Values

| Name | Shares Acquired on Exercise (#) | Value Realized (\$) | Number of Unexercised Options/SARs at Fiscal Year-End | | Value at Exercisab (\$) |
|-----------------------|---------------------------------------|---------------------------|---|----------------------|----------------------------------|
| | | | Exercisable (#) | Unexercisable (#) | |
| Douglas Mitchell | - | - | 810,556 | 109,444 | - |
| Thomas Linnenbrink | - | - | 96,667 | 83,333 | - |
| Donald G. Carrigan | - | - | 104,167 | 145,833 | - |
| David W. Still | - | - | 83,333 | 166,667 | - |
| Employment Agreements | | | | | |

EQUITY COMPENSATION PLAN INFORMATION

| Plan Category | Number of securities to be issued upon exercise of outstanding options, warrants and rights | Weighted-average exercise price of outstanding options, warrants and rights |
|--|--|--|
| Equity compensation plans approved by security holders | -- | -- |

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| | | |
|--|-----------|--------|
| Equity compensation plans not approved by security holders | 5,539,386 | \$0.47 |
| Total | 5,539,386 | \$0.47 |

EMPLOYMENT AGREEMENTS

Mr. Mitchell is employed as President and Chief Executive Officer pursuant to an employment agreement with us. Under the terms of the employment agreement, Mr. Mitchell receives an annual salary of \$175,000 and such additional benefits that are generally provided other employees. Mr. Mitchell's employment agreement expired June 1, 2001 but was, and is, automatically renewed for successive one-year terms unless we or Mr. Mitchell elects not to renew. If we terminate the employment of Mr. Mitchell without cause, Mr. Mitchell is entitled to continuation of his base salary and benefits, mitigated by income Mr. Mitchell may earn, for the remainder of the term of the agreement. Mr. Mitchell is subject to a noncompetition covenant for a period of one year from the date of termination.

CONFIDENTIALITY AND NONDISCLOSURE AGREEMENTS

We generally require our employees to execute confidentiality and nondisclosure agreements upon the commencement of employment with us. The agreements generally provide that all inventions or discoveries by the employee related to our business and all confidential information developed or made known to the employee during the term of employment shall be the exclusive property of us and shall not be disclosed to third parties without the prior approval of us.

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DIRECTORS' COMPENSATION

Each director who is not also an employee receives \$1,000 for each meeting of the Board, attended in person, and \$500 for each meeting of a committee of the Board. Directors are also reimbursed for their reasonable out-of-pocket expenses incurred in connection with their duties to us. During the fiscal year ended December 31, 2002, 15,000 stock options were granted, at the market price on date of grant, to Dr. Klaus Wiemer, Dr. Robert Keeley, and Mr. John Heightley which market price was \$0.41 per share. During 2002, Mr. Harold Blomquist was granted 55,000 stock options at the market price on date of grant which market price was \$0.41 per share.

SECURITY OWNERSHIP

The table below sets forth information regarding ownership of our common stock as of August 21, 2003, by each person who is known by us to beneficially own more than five percent of our common stock, by each director, by each executive officer named in the summary compensation table and by all directors and executive officers as a group. Shares issuable within sixty days after August 21, 2003 upon the exercise of options and are deemed outstanding for the purpose of computing the percentage ownership of persons beneficially owning such options or holding such notes but are not deemed outstanding for the

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purpose of computing the percentage ownership of any other person. Shares issuable upon the conversion of the debentures have been included for the purpose of computing the percentage ownership. To the best of our knowledge, the persons listed below have sole voting and investment power with respect to the shares indicated as owned by them subject to community property laws where applicable and the information contained in the notes to the table.

| Name and Address of Beneficial Owner ----- | Amount and Nature of Beneficial Ownership ----- | Percent of Class ----- |
|---|--|------------------------------|
| Hugh Norman Chapman 4250 Buckingham Dr. #100 Colorado Springs, CO 80907 | 3,122,017 (1) | 4.73% |
| Douglas M. Mitchell 205 Ridge Dr. Woodland Park, CO 80863 | 998,275 (2) | 1.51% |
| Klaus C. Wiemer 5705 Archer Court Dallas, TX 75252 | 165,000 (3) | * |
| Robert H. Keeley P. O. Box 25599 Silverthorne, CO 80497 | 100,000 (4) | * |
| John D. Heightley 1275 Log Hollow Point Colorado Springs, CO 80906 | 100,000 (5) | * |
| Thomas E. Linnenbrink 1457 Smoochers Circle Colorado Springs, CO 80904 | 1,047,461 (6) | 1.59% |
| Harold A. Blomquist 13625 Antelope Station Poway, CA 92064 | 70,000 (7) | * |
| Donald G. Carrigan 425 Scrub Oak Circle Monument, CO 80132 | 181,611 (8) | * |
| 45 | | |
| David W. Still 4250 Buckingham Dr. Suite 100 Colorado Springs, CO 80907 | 165,278 (9) | * |
| Robert Pearson 8080 N. Central Expressway, Suite 210-LB59 Dallas, TX 75203 | 15,000 (10) | * |
| Renaissance Capital Group (11) 8080 N. Central Expressway, Suite 210-LB59 Dallas, TX 75203 | 11,615,384 (12) | 17.58% |

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All officers and directors as a group (9 persons) 14,458,009 (13) 21.88%

* Less than one percent.

- (1) Represents 2,884,100 shares of our common stock that Mr. Chapman received upon our acquiring Integrated Logic Systems and includes 237,917 shares issuable upon exercise of options.
- (2) Represents 44,386 shares of our common stock that Mr. Mitchell acquired through our acquisition of Q-DOT, 20,000 shares of our common stock that Mr. Mitchell personally owns and includes 933,889 shares issuable upon exercise of options.
- (3) Represents 75,000 shares of our common stock that Mr. Wiemer acquired upon the exercise of 75,000 options and includes 90,000 shares issuable upon exercise of options.
- (4) Includes 90,000 shares issuable upon exercise of options. Includes 10,000 shares of our common stock held by Mr. Keeley's wife, Sandra D. Keeley. Mr. Keeley disclaims beneficial ownership of these shares.
- (5) Includes 100,000 shares issuable upon exercise of options.
- (6) Represents 894,128 shares of our common stock that Mr. Linnenbrink acquired through our acquisition of Q-DOT and includes 153,333 shares issuable upon exercise of options.
- (7) Includes 70,000 shares issuable upon exercise of options.
- (8) Represents 500 shares of our common stock that Mr. Carrigan personally owns and includes 181,111 shares issuable upon exercise of options.
- (9) Includes 165,278 shares issuable upon exercise of options.
- (10) Includes 15,000 shares issuable upon exercise of options.
- (11) Pursuant to the Convertible Loan Agreement, dated as of June 28, 2002, by and among Simtek, Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC., and Renaissance Capital Group, Inc., Renaissance Capital Group, Inc. has the right to designate a nominee to serve as a member of the board of directors. Mr. Robert C. Pearson currently serves on Simtek's board of directors as such nominee.
- (12) Assumes conversion, at a conversion price of \$0.312 per share, of all debentures issued to affiliates of Renaissance Capital Group, Inc.
- (13) Includes 1,798,611 shares issuable upon exercise of options.

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The following table sets forth information about the selling shareholders.

| Name and Address of Selling Shareholder ----- | Number of Shares Beneficially Owned Before Offering ----- | Number of Shares Offered ----- | Nu S Fol the ----- |
|---|---|---|--------------------------------|
| Renaissance Capital Growth & Income Fund III, Inc. c/o Renaissance Capital Group, Inc. 8080 N. Central Expressway, Suite 210-LB59 Dallas, TX 75206 | 4,205,128(1) | 3,205,128 | 1,0 |
| Renaissance US Growth & Income Trust PLC c/o Renaissance Capital Group, Inc. 8080 N. Central Expressway, Suite 210-LB59 Dallas, TX 75206 | 4,205,128(2) | 3,205,128 | 1,0 |
| BFSUS Special Opportunities Trust PLC c/o Renaissance Capital Group, Inc. 8080 N. Central Expressway, Suite 210-LB59 Dallas, TX 75206 | 3,205,128 | 3,205,128 | |

- (1) Includes 1,000,000 shares held by Renaissance Capital Growth & Income Fund III, Inc. that were issued in 2000 upon the conversion of debentures originally issued on June 12, 1998.
- (2) Includes 1,000,000 shares held by Renaissance US Growth & Income Trust PLC that were issued in 2000 upon the conversion of debentures originally issued on June 12, 1998.

On July 1, 2002, we received \$3,000,000 in a financing transaction with Renaissance Capital Group. Renaissance Capital Group is the agent for the selling securityholders. The \$3,000,000 funding consists of convertible debentures with a 7- year term at a 7.5% per annum interest rate; each fund equally invested \$1,000,000. The holder of the debenture has the right, at any time, to convert all, or in multiples of \$100,000, any part of the debenture into fully paid and nonassessable shares of our common stock. The debentures are convertible into our common stock at \$0.312 per share, which was in excess of the market price per share on July 1, 2002. Based on the conversion rate of \$0.312 per share, it would entitle each fund to 3,205,128 shares, totalling approximately 18% post-conversion for the three funds, of our common stock.

The selling securityholders and its affiliates beneficially own 11,615,384 shares of our common stock (assuming conversion of all debentures issued to the selling securityholders and their affiliates). Mr. Robert Pearson is an Executive Vice President of Renaissance Capital Group, an officer of Renaissance Capital Growth & Income Fund III, Inc. and an investment advisor to all three selling securityholders. Mr. Pearson also holds the position of a director of Simtek's Board of Directors.

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SPECIFIC RELATIONSHIPS AND RELATED TRANSACTIONS

Our president and director, Douglas Mitchell was also a director of Q-DOT Group prior to our acquisition of Q-DOT Group. Mr. Mitchell disclosed all material facts as to his conflict of interest in the acquisition. The board of directors determined that the acquisition was fair to us and in our best interest. Mr. Mitchell abstained from the vote of the Q-DOT Group and Simtek board of directors decision to approve the acquisition. At the time of acquisition, Mr. Mitchell owned approximately 1% of the Q-DOT Group shares and he received 44,386 shares of our common stock in connection with our acquisition of Q-DOT Group, pro rata with the terms that all of the other Q-DOT Group shareholders.

On May 9, 2000, we entered into a stock exchange agreement with Mr. Hugh N. Chapman pursuant to which we acquired Integrated Logic Systems. At the time of the acquisition, Mr. Chapman was not a holder of 5% of our stock. As a result of the acquisition, however, Mr. Chapman became a holder of 5% of our outstanding stock and as of the date of this prospectus holds approximately 5.61% of our stock. Incident to the acquisition, we entered into an "at will" employment agreement with Mr. Chapman, terminable by either party at any time with or without cause. We believe that the terms of our transactions with Mr. Chapman were no less favorable to us than we could have obtained from unrelated parties.

On July 1, 2002, we received funding of \$3,000,000 in a convertible debenture financing transaction with Renaissance Capital Group. Renaissance Capital Group is the agent for the selling securityholders. Mr. Robert Pearson, a Senior Vice President of Renaissance Capital Group, an officer of Renaissance Capital Growth & Income Fund III, Inc. and an investment advisor to all three selling securityholders, became a Simtek director following such transaction. Renaissance Capital Group, or its affiliates, owns 2,000,000 shares of our common stock in addition to the shares offered through this prospectus.

DESCRIPTION OF SECURITIES

COMMON STOCK

We are authorized to issue 80,000,000 shares of common stock, par value \$0.01 per share. Each share of common stock entitles the holder thereof to one vote on all matters submitted to a vote of the shareholders. Holders of common stock do not have preemptive rights or rights to convert their common stock into other securities. Holders of common stock are entitled to receive ratably such dividends as may be declared by the board of directors out of funds legally available therefor. In the event of our liquidation, dissolution or winding up, holders of the common stock have the right to a ratable portion of the assets remaining after payment of liabilities.

PREFERRED STOCK

Our Articles of Incorporation authorize 2,000,000 shares of \$1.00 par value preferred stock. The board of directors has the authority to issue preferred stock in one or more series and to fix the rights, preferences, privileges and restrictions thereof, including dividend rights, dividend rates, conversion rights, voting rights, terms of redemption, redemption prices, liquidation preferences and the number of shares constituting any series and the designation of such series, without further vote or action by the shareholders. The issuance of preferred stock may have the effect of delaying, deferring or preventing a change in control of us without further action by the shareholders and may adversely affect the voting power and other rights of the holders of common stock, including the loss of voting control to others. As of the date of this prospectus, there are no shares of preferred stock outstanding.

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PLAN OF DISTRIBUTION

These shares are being offered hereby for sale by the selling securityholders who received these shares in a private transaction. These shares will be offered by the selling shareholders from time to time (i) on the over-the-counter market, where the common stock is traded, or elsewhere, at fixed prices which may be changed, at market prices prevailing at the time of offer and sale, at prices related to such prevailing market prices or at negotiated prices and (ii) in negotiated transactions, through the writing of options on the shares, or a combination of such methods of sale. The selling shareholders may effect such transactions by offering and selling the shares directly or to or through securities broker-dealers, and such broker-dealers may receive compensation in the form of discounts, concessions or commissions from the selling shareholders and/or the purchasers of the shares for whom such broker-dealers may act as agent or to whom the selling shareholders may sell as principal, or both (which compensation as to a particular broker-dealer might be in excess of customer commissions).

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The selling shareholders and any broker-dealers who are in connection with the sale of the shares hereunder may be deemed to be "underwriters" within the meaning of Section 2(11) of the Securities Act, and any commissions received by them and profit on any resale of the shares as principal might be deemed to be underwriting discounts and commissions under the Securities Act.

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LEGAL MATTERS

The validity of the shares offered hereby will be passed upon by Holme Roberts & Owen LLP, Denver, Colorado.

EXPERTS

The financial statements of Simtek Corporation as of December 31, 2002 and for the years ended December 31, 2002 and December 31, 2001 included within this prospectus have been so included in reliance on the report of Hein + Associates LLP, independent auditors, given on the authority of said firm as experts in auditing and accounting.

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AVAILABLE INFORMATION

We are subject to the information requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Accordingly, we file reports, proxy statements and other information with the Securities and Exchange Commission. You may inspect our reports, proxy statements and other information without charge at the public reference facilities of the Commission's principal office at 450 Fifth Street, N.W., Washington, D.C. 20549 and at the Commission's regional offices at 500 West Madison Street, Suite 1400, Chicago, Illinois 60661 and 7 World Trade Center, Suite 1300, New York, NY 10048. You may also obtain copies there at the prescribed rates. You may obtain information on the operation of the Commission's public reference facilities by calling the Commission in the United States at 1-800-SEC-0330. The Commission also maintains a web site at <http://www.sec.gov> that contains reports, proxy and information statements and other information regarding registrants that file electronically with the Commission.

We have filed with the Commission, a registration statement on Form SB-2 under the Securities Act of 1933, as amended (the "Securities Act"), with respect to the common stock we are offering (the "registration statement"). This prospectus does not contain all of the information set forth in the registration statement and the exhibits and schedules thereto. For further information about us and the common stock offered, you should refer to the registration statement, including the exhibits and schedules thereto, which may be inspected at, and copies thereof may be obtained at prescribed rates from, the public reference facilities of the Commission at the addresses set forth above.

SIMTEK CORPORATION
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INDEPENDENT AUDITOR'S REPORT

Board of Directors and Shareholders
Simtek Corporation
Colorado Springs, Colorado

We have audited the accompanying consolidated balance sheet of Simtek Corporation and subsidiary as of December 31, 2002 and the related statements of operations, changes in shareholders' equity and cash flows for each of the years in the two-year period ended December 31, 2002. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Simtek Corporation as of December 31, 2002, and the results of their operations and their cash flows for each of the years in the two-year period ended December 31, 2002, in conformity with accounting principles generally accepted in the United States of America.

/s/ Hein + Associates LLP
HEIN + ASSOCIATES LLP

Denver, Colorado
January 28, 2003

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SIMTEK CORPORATION

CONSOLIDATED BALANCE SHEET
DECEMBER 31, 2002

ASSETS

CURRENT ASSETS:

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| | |
|--|--------------|
| Cash and cash equivalents | \$ 3,127,732 |
| Certificate of deposit, restricted | 300,000 |
| Accounts receivable - trade, net of allowance for doubtful accounts and return allowances of \$259,262 | 2,309,965 |
| Inventory | 1,608,242 |
| Prepaid expenses and other | 239,507 |
| | ----- |
| Total current assets | 7,585,446 |
| EQUIPMENT AND FURNITURE, net | 725,888 |
| DEFERRED FINANCING COSTS | 107,877 |
| OTHER ASSETS | 87,839 |
| | ----- |
| TOTAL ASSETS | \$ 8,507,050 |
| | ===== |
| LIABILITIES AND SHAREHOLDERS' EQUITY | |
| ----- | |
| CURRENT LIABILITIES: | |
| Accounts payable | \$ 1,087,947 |
| Accrued expenses | 313,460 |
| Accrued wages | 26,830 |
| Accrued vacation payable | 155,633 |
| Deferred Revenue | 40,500 |
| Obligation under capital leases | 132,485 |
| | ----- |
| Total current liabilities | 1,756,855 |
| NOTES PAYABLE | 10,000 |
| DEBENTURES | 3,000,000 |
| OBLIGATIONS UNDER CAPITAL LEASES, NET OF CURRENT PORTION | 76,512 |
| | ----- |
| Total liabilities | 4,843,367 |
| COMMITMENTS (Note 6) | |
| SHAREHOLDERS' EQUITY: | |
| Preferred stock, \$1.00 par value; 2,000,000 shares authorized, none issued | - |
| Common stock, \$.01 par value; 80,000,000 shares authorized, 54,382,273 shares issued and outstanding | 543,823 |
| Additional paid-in capital | 37,594,875 |
| Treasury Stock | (12,504) |
| Accumulated deficit | (34,462,511) |
| | ----- |
| Total shareholders' equity | 3,663,683 |
| | ----- |
| TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY | \$ 8,507,050 |
| | ===== |

See accompanying notes to these consolidated financial statements.

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CONSOLIDATED STATEMENTS OF OPERATIONS

| | FOR THE YEARS ENDED DECEMBER 31, | |
|---|-------------------------------------|----------------|
| | 2002 | 2001 |
| NET SALES | \$14,326,705 | \$16,950,000 |
| Cost of sales | 8,481,262 | 11,270,000 |
| GROSS MARGIN | 5,845,443 | 5,679,000 |
| OPERATING EXPENSES: | | |
| Research and development costs | 4,308,499 | 3,150,000 |
| Sales and marketing | 1,641,508 | 1,670,000 |
| General and administrative | 754,676 | 1,230,000 |
| Investor relations | - | 73,000 |
| Total operating expenses | 6,704,683 | 6,723,000 |
| LOSS FROM OPERATIONS | (859,240) | (1,120,000) |
| OTHER INCOME (EXPENSE): | | |
| Interest income | 42,447 | 7,000 |
| Interest expense | (147,921) | (2,000) |
| Other income (expense) | 1,847 | (5,000) |
| Total other income (expense) | (103,627) | (4,000) |
| EQUITY IN LOSSES OF QDA AND WRITE-OFF OF RELATED ADVANCES | - | (1,000) |
| LOSS BEFORE PROVISION FOR INCOME TAXES | \$ (962,867) | \$ (1,125,000) |
| Provision for income taxes | - | - |
| NET LOSS | \$ (962,867) | \$ (1,125,000) |
| NET LOSS PER COMMON SHARE: | | |
| Basic and diluted EPS | \$ (.02) | \$ (.02) |
| WEIGHTED AVERAGE COMMON SHARE OUTSTANDING: | | |
| Basic and diluted EPS | 54,204,525 | 53,710,000 |

See accompanying notes to these consolidated financial statements.

SIMTEK CORPORATION
 CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY
 FOR THE YEARS ENDED DECEMBER 31, 2002 AND 2001

| | Common Stock | | Additional Paid-in Capital | Treasury Stock | Prepa Inves Relat |
|---|--------------|-----------|----------------------------------|-------------------|-------------------------|
| | Shares | Amount | | | |
| BALANCES, January 1, 2001 | 53,634,245 | \$536,342 | \$37,497,590 | \$ - | \$ (730) |
| Exercise of stock options | 392,028 | 3,920 | 50,000 | - | |
| Purchase 10,000 shares of common stock | - | - | - | (12,504) | |
| Expenses recorded for stock issuance | - | - | - | - | 730 |
| Net loss | - | - | - | - | |
| BALANCES, December 31, 2001 | 54,026,273 | 540,262 | 37,547,590 | (12,504) | |
| Exercise of stock options | 356,000 | 3,561 | 47,285 | - | |
| Net loss | - | - | - | - | |
| BALANCES, December 31, 2002 | 54,382,273 | \$543,823 | \$37,594,875 | \$ (12,504) | \$ |

See accompanying notes to these consolidated financial statements.

SIMTEK CORPORATION
 CONSOLIDATED STATEMENTS OF CASH FLOWS

| | FOR |
|--|-----------|
| | 2002 |
| CASH FLOWS FROM OPERATING ACTIVITIES: | |
| Net loss | \$ (962,8 |
| Adjustments to reconcile net loss to net cash used in operating activities | |

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| | |
|---|------------|
| Depreciation and amortization | 443,1 |
| Common stock issued for investor relations expense | |
| Loss on disposal of assets | 5,7 |
| Net change in allowance accounts | (71,1 |
| Deferred financing fees | 8,2 |
| Changes in assets and liabilities: | |
| (Increase) decrease in: | |
| Accounts receivable | (618,6 |
| Inventory | 261,4 |
| Prepaid expenses and other | (123,9 |
| Increase (Decrease) in: | |
| Accounts payable | (328,8 |
| Accrued expenses | (122,5 |
| Deferred revenue | 25,5 |
| | ----- |
| Net cash used in operating activities | (1,483,9 |
| | ----- |
| CASH FLOWS FROM INVESTING ACTIVITIES: | |
| Purchase/Sales of equipment and furniture, net | (163,6 |
| | ----- |
| Net cash used in investing activities | (163,6 |
| | ----- |
| CASH FLOWS FROM FINANCING ACTIVITIES: | |
| Borrowings from line-of-credit and the issuance of a note | |
| Payments on lines of credit | |
| Payments on notes payable | (109,9 |
| Payments on capital lease obligation | (125,0 |
| Borrowings on capital lease obligation | |
| Convertible debentures, net of deferred financing fees | 2,883,8 |
| Exercise of stock options | 50,8 |
| Purchase of stock from market | |
| | ----- |
| Net cash provided by financing activities | 2,699,6 |
| | ----- |
| NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS | 1,052,0 |
| CASH AND CASH EQUIVALENTS, beginning of year | 2,075,7 |
| | ----- |
| CASH AND CASH EQUIVALENTS, end of year | \$ 3,127,7 |
| | ===== |
| SUPPLEMENTAL CASH FLOW INFORMATION: | |
| Purchase of equipment through payables and capital leases | \$ 88,4 |
| | ===== |
| Cash paid for interest | \$ 146,8 |
| | ===== |

See accompanying notes to these consolidated financial statements.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

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1. NATURE OF BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES:

NATURE OF BUSINESS OPERATIONS - Simtek Corporation (the "Company") designs, develops, markets and subcontracts the production of high performance nonvolatile semiconductor memories and programmed semiconductor logic products. The Company's operations have concentrated on the design and development of the 256 kilobit, 64 kilobit, and 16 kilobit nonvolatile semiconductor memory product families and associated products and technologies as well as the development of sources of supply and distribution channels. The Company also provides electronics engineering research and development contracts.

POOLING OF INTERESTS - On March 13, 2001, Simtek acquired 100% of the common stock of Q-DOT Group ("Q-DOT"). Q-DOT specializes in advanced technology, research, and development for data acquisition, signal processing, imaging and data communications. Shareholders of Q-DOT exchanged their shares in Q-DOT for shares in Simtek in a business combination that has been accounted for as a pooling of interests. The consolidated financial statements and the accompanying notes reflect Simtek's financial position and the results of operations as if Q-DOT was a wholly-owned subsidiary of Simtek since inception.

CONSOLIDATION POLICY - The accompanying consolidated financial statements include the accounts of the Company and its wholly-owned subsidiary Q-DOT. The Company holds 1% interest in Q-DOT Acoustics, LLC (QDA) but has effective control over it due to an operating agreement which gives the Company control of all operational decisions. In addition, all losses of QDA are allocated to the company and net profits are allocated first to the Company to the extent of any previous allocations of losses. Any additional profits of QDA are allocated prorata based on percentage of ownership. The other major shareholders of QDA are minor shareholders of the Company. QDA is accounted for by the equity method of accounting.

REVENUE RECOGNITION SEMICONDUCTOR PRODUCTS - Product sales revenue is recognized when a valid purchase order has been received and the products are shipped to customers, including distributors. Customers receive a one-year product warranty and sales to distributors are subject to a limited product exchange program and product pricing protection in the event of changes in the Company's product price. The Company provides a reserve for possible product returns, price changes and warranty costs at the time the sale is recognized.

REVENUE RECOGNITION GOVERNMENT CONTRACTS - Revenues from cost-plus-fee contracts are recognized on the basis of costs incurred during the period plus the fee earned. Revenues from fixed-price contracts are recognized on the percentage-of-completion method. The percentage-of-completion is measured by the total costs incurred to date to estimated total costs for each contract. This method is used because management considers costs incurred to be the best available measure of progress on these contracts. Because of inherent uncertainties in estimating costs, it is reasonably possible that the estimates used will change within the near term.

CONTRACT REVENUES AND RELATED COSTS - Substantially all of Q-DOT revenues result from contract services performed for the various agencies of United States Government (the "Government") under a variety of contracts and subcontracts, some of which provide for reimbursement of costs-plus-fees, and others which are fixed-price. The majority of the contracts are for services performed in Colorado. For some services rendered on Government contracts, the time between providing the services and the final cash

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realization from the sale of such services may extend two or more years.

Costs on contracts with the government (including allocable indirect costs) are subject to audit and adjustment by negotiations between the Company and

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Government representatives. Costs submitted for reimbursement are subject to Government audits for compliance with government cost accounting standards, federal acquisitions regulations and other contract terms. Negotiations for all of the years through March 31, 1999 have been completed without any material adjustments. Management does not believe the results of the March 31, 2000, December 31, 2000, December 31, 2001 and December 31, 2002 Government audits and subsequent negotiations will have a material effect on the accompanying financial statements.

Direct costs of contracts include all direct labor, supplies, and equipment costs. Provisions for estimated losses on uncompleted contracts are made in the period in which such losses are determined. Changes in job performance, job conditions, and estimated profitability and final contract settlements may result in revisions to costs and income and are recognized in the period in which the revisions are determined.

At the time a loss on a contract becomes known, the entire amount of the estimated loss on both short and long-term contracts is accrued.

CASH AND CASH EQUIVALENTS - The Company considers all highly liquid investments with an original maturity of three months or less to be cash equivalents. As of December 31, 2002, substantially all of the Company's cash and cash equivalents were held by a single bank, of which approximately \$3,320,980 was in excess of Federally insured amounts.

INVENTORY - The Company records inventory using the lower of cost (first-in, first-out) or market. Inventory at December 31, 2002 includes:

| | |
|-----------------|-------------|
| Raw materials | \$ 65,169 |
| Work in process | 1,169,669 |
| Finished goods | 529,987 |
| | ----- |
| | 1,764,825 |
| Less reserves | (156,583) |
| | ----- |
| | \$1,608,242 |
| | ===== |

DEPRECIATION & Amortization - Equipment and furniture are recorded at cost. Depreciation is provided over the assets' estimated useful lives of three to seven years using the straight-line and accelerated methods. The cost and accumulated depreciation of furniture and equipment sold or otherwise disposed of are removed from the accounts and the resulting gain or loss is included in operations. Maintenance and repairs are charged to operations as incurred and betterments are capitalized.

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In September 2000, the Company purchased incomplete research and development, patents and certain trademarks from WebGear, Inc. The incomplete research and development consists of hardware and software developed for wireless data communications that needs to be modified for use with the Bluetooth technology standard. The Company has valued the purchased patents and trademarks at \$125,000, which was capitalized and recorded as intangible assets, the Company is currently amortizing the patents and trademarks over a five year life.

RESEARCH AND DEVELOPMENT COSTS - Research and development costs are charged to operations in the period incurred.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

ADVERTISING - The Company incurs advertising expense in connection with the marketing of its product. Advertising costs are expensed as advertising takes place. Advertising expense was \$15,162 and \$70,705 in 2002 and 2001, respectively.

LOSS PER SHARE - The loss per share is presented in accordance with the provisions of Statement of Financial Accounting Standards (SFAS) No. 128, Earnings Per Share. Basic EPS is calculated by dividing the income or loss available to common shareholders by the weighted average number of common shares outstanding for the period. Diluted EPS reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock. As the Company incurred losses in 2001 and 2002, all common stock equivalents would be considered anti-dilutive. For purposes of calculating diluted EPS, 5,539,386 and 5,286,872 options for 2002 and 2001, respectively, were excluded from diluted EPS as they had an anti-dilutive effect.

ACCOUNTING ESTIMATES - The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and the accompanying notes. The actual results could differ from those estimates. The Company's financial statements are based upon a number of significant estimates, including the allowance for doubtful accounts, technological obsolescence of inventories, the estimated useful lives selected for property and equipment, sales returns, warranty reserve, percentage of completion on projects in process at year-end, potential adjustments for government contracts and the valuation allowance on the deferred tax assets.

FINANCIAL INSTRUMENTS - The estimated fair values for financial instruments are determined at discrete points in time based on relevant market information. These estimates involve uncertainties and cannot be determined with precision. The carrying amounts of the accounts receivable, accounts payable and accrued liabilities approximate fair value because of the short-term maturities of these instruments.

CONCENTRATION OF CREDIT RISK - Financial instruments that potentially subject the Company to significant concentration of credit risk consist

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primarily of accounts receivable. The Company has no significant off-balance sheet concentrations of credit risk. Accounts receivable are typically unsecured and are derived from transactions with and from customers located worldwide.

IMPAIRMENT OF LONG-LIVED ASSETS - In the event that facts and circumstances indicate that the cost of assets may be impaired, an evaluation of recoverability would be performed. If an evaluation is required, the estimated future undiscounted cash flows associated with the asset would be compared to the asset's carrying amount to determine if a write-down to market value or discounted cash flow value is required.

STOCK-BASED COMPENSATION - As permitted under the SFAS No. 123, Accounting for Stock-Based Compensation, the Company accounts for its stock-based compensation in accordance with the provisions of Accounting Principles Board (APB) Opinion No. 25, Accounting for Stock Issued to Employees. As such, compensation expense is recorded on the date of grant if the current market price of the underlying stock exceeds the exercise price. Certain pro forma net income and EPS disclosures for employee stock option grants are also included in the notes to the financial statements as if the fair value method as defined in SFAS No. 123 had been applied. Transactions in equity instruments with non-employees for goods or services are accounted for by the fair value method. In fiscal 2000, the Company adopted the Financial Accounting Standards Board Interpretation No. 44 which requires that outside directors be considered employees for purposes of stock option accounting, if the Company is accounting for its employee stock-based

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

compensation in accordance with APB 25. It also affects modifications to fixed stock options or awards that effects the life, exercise price, or the number of shares to be issued. The adoption of this interpretation did not have a material effect on the Company's consolidated financial statements.

INCOME TAXES - The Company accounts for income taxes under the liability method of SFAS No. 109, whereby current and deferred tax assets and liabilities are determined based on tax rates and laws enacted as of the balance sheet date. Deferred tax expense represents the change in the deferred tax asset/liability balance. Valuation allowances are recorded for deferred tax assets that are not expected to be realized.

BUSINESS SEGMENTS - The Company has adopted Statement of Accounting Standards No. 131, Disclosures About Segments of an Enterprise and Related Information ("SFAS 131"), which established standards for the way companies report information about their operating segments. Prior period amounts have been restated to conform to the requirements of this new statement.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS - In October 2001, the FASB approved SFAS 144, Accounting for the Impairment or Disposal of Long-Lived Assets. SFAS 144 replaces SFAS 121, Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of. The new accounting model for long-lived assets to be disposed of by sale applies to all long-lived assets, including discontinued operations, and replaces the

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provisions of APB Opinion No. 30, Reporting Results of Operations—Reporting the Effects of Disposal of a Segment of a Business, for the disposal of segments of a business. Statement 144 requires that those long-lived assets be measured at the lower of carrying amount or fair value less cost to sell, whether reported in continuing operations or in discontinued operations. Therefore, discontinued operations will no longer be measured at net realizable value or include amounts for operating losses that have not yet occurred. Statement 144 also broadens the reporting of discontinued operations to include all components of an entity with operations that can be distinguished from the rest of the entity and that will be eliminated from the ongoing operations of the entity in a disposal transaction. The provisions of Statement 144 are effective for financial statements issued for fiscal years beginning after December 15, 2001 and, generally, are to be applied prospectively. At this time, we do not believe adoption of this standard has a material effect on our financial statements.

In April 2002, the FASB approved for issuance Statements of Financial Accounting Standards No. 145, "Rescission of FASB Statements No. 4, 44 and 64, Amendment of SFAS 13, and Technical Corrections" ("SFAS 145"). SFAS 145 rescinds previous accounting guidance, which required all gains and losses from extinguishment of debt be classified as an extraordinary item. Under SFAS 145 classification of debt extinguishment depends on the facts and circumstances of the transaction. SFAS 145 is effective for fiscal years beginning after May 15, 2002 and adoption is not expected to have a material effect on the Company's financial position or results of its operations.

In July 2002, the FASB issued Statements of Financial Accounting Standards No. 146, "Accounting for Costs Associated with Exit or Disposal Activities" (SFAS 146). SFAS 146 requires companies to recognize costs associated with exit or disposal activities when they are incurred rather than at the date of a commitment to an exit or disposal plan. Examples of costs covered by SFAS 146 include lease termination costs and certain employee severance costs that are associated with a restructuring, discontinued operation, plant closing, or other exit or disposal activity. SFAS 146 is to be applied prospectively to exit or disposal activities initiated after December 31, 2002. The adoption of SFAS 146 is not expected to have a material effect on the Company's financial position or results of its operations.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

In December 2002, the FASB issued Statements of Financial Accounting Standards No. 148, "Accounting for Stock-Based compensation - Transition and Disclosure - an amendment of FASB Statement 123" (SFAS 123). For entities that change their accounting for stock-based compensation from the intrinsic method to the fair value method under SFAS 123, the fair value method is to be applied prospectively to those awards granted after the beginning of the period of adoption (the prospective method). The amendment permits two additional transition methods for adoption of the fair value method. In addition to the prospective method, the entity can choose to either (i) restate all periods presented (retroactive restatement method)

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or (ii) recognize compensation cost from the beginning of the fiscal year of adoption as if the fair value method had been used to account for awards (modified prospective method). For fiscal years beginning December 15, 2003, the prospective method will no longer be allowed. The Company currently accounts for its stock-based compensation using the intrinsic value method as prescribed by Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" and plans on continuing using this method to account for stock options, therefore, it does not intend to adopt the transition requirements as specified in SFAS 148. The Company has adopted the new disclosure requirements of SFAS 148 in these financial statements.

2. ACQUISITIONS:

On March 13, 2001, the Company acquired Q-DOT in exchange for approximately 5,172,000 shares of our Common Stock. Q-DOT specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications. Q-DOT will be operated as a wholly owned subsidiary of Simtek for its government contract research and development operations. The acquisition has been accounted for as a pooling of interests, and the results of Q-DOT have been consolidated with those of Simtek as if the two businesses had been merged throughout the periods presented.

Separate revenues and net income of the Company and Q-DOT Group, Inc. are presented in the following table:

| | 2002 ---- | 2001 ---- |
|------------------------|---------------|---------------|
| Revenue: | | |
| Simtek Corporation | \$12,422,087 | \$15,449,981 |
| Q-DOT | 1,904,618 | 1,500,506 |
| | ----- | ----- |
| Revenue, as reported | \$14,326,705 | \$16,950,487 |
| | ===== | ===== |
| Net Income (Loss): | | |
| Simtek Corporation | \$(1,027,908) | \$ (925,098) |
| Q-DOT | 65,041 | (195,252) |
| | ----- | ----- |
| Net (loss) as reported | \$ (962,867) | \$(1,120,350) |
| | ===== | ===== |

3. EQUIPMENT AND FURNITURE:

Equipment and furniture at December 31, 2002 consists of the following:

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

| | |
|--|-------------|
| Leased software under capital leases | \$ 441,550 |
| Research and development equipment | 1,442,388 |
| Computer equipment and software | 1,620,056 |
| Office furniture | 235,135 |
| Other equipment | 257,604 |
| | ----- |
| | 3,996,733 |
| Less accumulated depreciation and amortization | (3,270,845) |
| | ----- |
| | \$ 725,888 |
| | ===== |

The cost of equipment and furniture acquired for research and development activities that has alternative future use is capitalized and depreciated over its estimated useful life.

Depreciation and amortization expense of \$422,736 and \$462,083 was charged to operations for the years ended December 31, 2002 and 2001 respectively. Included in the amortization expense for 2002 and 2001 was \$83,886 and \$55,991, respectively, of amortization of software under capital leases. At December 31, 2002, accumulated amortization for software under capital leases was \$208,031.

4. REVOLVING LINE-OF-CREDIT AND LETTER-OF-CREDIT:

As of December 31, 2002, the Company had a \$250,000 revolving line-of-credit (LOC). The LOC bears interest at prime plus .75% (5.00% at December 31, 2002), matures in April 2003, and is collateralized by the assets of the Company. No amounts were outstanding as of December 31, 2002.

When the Company acquired Integrated Logic Systems, they also acquired a note payable related to a reorganization plan that Integrated Logic Systems went through. The reorganization plan required that annual payments of \$5,000, with no interest, be made to a legal entity serving as a trustee for these creditors, payments started on September 15, 1995. The legal entity serving as the trustee for these creditors was dissolved in 1995 and all payments made to the trustee by the Company have been returned. Based on the statute of limitations for the State of Colorado, the Company may begin writing off \$5,000 for each of the next two years. At December 31, 2002, the note payable was \$10,000.

The Company has a letter of credit arrangement with one of the Company's suppliers which requires the Company to maintain a \$300,000 certificate of deposit as collateral, which is reflected as restricted cash.

5. CONVERTIBLE DEBENTURES:

On July 1, 2002, the Company received funding of \$3,000,000 in a financing transaction with Renaissance Capital Group, Inc. ("Renaissance"). Renaissance is the agent for three investment funds, Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC. The \$3,000,000 funding consists of convertible debentures with a 7-year term at a 7.5% per annum

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interest rate. Each fund equally invested \$1,000,000. The Holder of the debenture shall have the right, at any time, to convert all, or in multiples of \$100,000, any part of the Debenture into fully paid and nonassessable shares of Simtek Corporation common stock. The debentures are convertible into Simtek common stock at \$0.312 per share, which was in excess of the market price per share on July 1, 2002. Based on the conversion rate of \$0.312 per share, it would entitle each fund to 3,205,128 shares of Simtek common stock.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

6. COMMITMENTS:

Offices Leases - The Company leases office space under a lease, which expires on February 28, 2008. Monthly lease payments are approximately \$15,000.

Through the acquisition of Q-DOT, the Company has non-cancelable long-term lease agreements for office space, office furnishings and equipment that expire at various dates through December 2005. A facility lease and the equipment leases contain an option to extend the leases for an additional one-year period.

The Company leases furniture, equipment, and its office under operating leases, which expire over the next seven years.

Future minimum lease payments under the equipment, furniture and office leases described above are approximately as follows:

| Year | |
|--------------|-------------|
| ----- | |
| 2003 | \$ 703,038 |
| 2004 | 522,672 |
| 2005 | 327,969 |
| 2006 | 208,184 |
| 2007 & After | 252,829 |
| | ----- |
| | \$2,014,692 |
| | ===== |

Office rent and equipment lease expense totaled \$603,344 and \$450,747 for the years ended December 31, 2002 and 2001, respectively.

In addition, the Company leases research and development software under three capital leases, which will expire over the next two years. At December 31, 2002, future minimum lease payments under the lease described above is approximately as follows:

Year

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| | |
|---|------------|
| 2003 | \$ 176,752 |
| 2004 | 98,053 |
| | ----- |
| Total net minimum lease payments | 274,805 |
| Less interest and taxes | (65,808) |
| | ----- |
| Present value of net minimum lease payments | 208,997 |
| Less current portion of capital leases | (132,485) |
| | ----- |
| | \$ 76,512 |
| | ===== |

Accrued Salary - Due to limited working capital of the Company, the Company's former CFO agreed with the Company's Board of Directors to defer his salary from April 1, 1994 through December 31, 1996. In July 2001, the Company entered into an agreement to begin paying the former CFO's accrued salary and accrued vacation over an 18 month period. The Company made the first payment in July 2001 and made the last payment in December 2002. As of December 31, 2002, all amounts due were paid in full.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

7. SHAREHOLDERS' EQUITY:

On September 14, 2000, the Company entered into a one-year contract with two investment bankers, E.B.M. Associates, Inc. and World Trade Partners. Each company has received 500,000 shares of common stock, which were nonforfeitable and fully vested upon issuance on September 14, 2000, the grant date. Both companies assisted the Company in broadening our financial market presence and establishing new relationships within the industry, investment community and financial media, by arranging meetings for our management with industry analysts, presenting company profiles to analysts and brokerage firms, mailings and constant personal communication with investors. E.B.M. Associates Inc. supported these activities primarily in retail investment markets, while World Trade Partners supported these activities primarily in institutional markets. E.B.M. Associates and World Trade Partners cooperated to coordinate their activities. On September 14, 2000, the closing share price for the Company's common stock was \$1.0312 per share and accordingly \$1,031,200 was assigned to prepaid investor relations. The cost associated with this transaction was amortized over the life of the contract. At December 31, 2002 this transaction was fully amortized.

On March 13, 2001, the Company acquired Q-DOT in exchange for approximately 5,172,000 shares of Simtek's common stock. Q-DOT specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications. Q-DOT's projects have been supported by conventional government and commercial contracts in addition to government contracts sponsored by the Small Business Innovation Research (SBIR) contracts. Q-DOT is operated as a wholly owned subsidiary of Simtek for its government contract research and development operations. The acquisition was accounted for as a pooling of interest, and the results of

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Q-DOT will be consolidated with Simtek's as if they had been merged throughout the periods.

STOCK OPTION PLANS - The Company has approved two stock option plans that authorize 600,000 incentive stock options and 9,900,000 non-qualified stock options that may be granted to directors, employees, and consultants. On September 26, 2001, the Incentive Stock Option Plan terminated. All options outstanding at the time of the plan termination may be exercised in accordance with their terms. The Non-Qualified Stock Option Plan which was adopted in 1994 remains in effect. The plans permitted the issuance of incentive and non-statutory options and provide for a minimum exercise price equal to 100% of the fair market value of the Company's common stock on the date of grant. The maximum term of options granted under the plans are 10 years and options granted to employees expire three months after the termination of employment. None of the options may be exercised during the first six months of the option term. No options may be granted after 10 years from the adoption date of each plan.

Following is a summary of activity under these stock option plans for the years ended December 31, 2002 and 2001:

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

| | 2002 | | 2001 | |
|--------------------------------|---------------------|--|---------------------|--|
| | Number of Shares | Weighted Average Exercise Price | Number of Shares | Weighted Average Exercise Price |
| Outstanding, beginning of year | 5,286,872 | \$.46 | 3,137,722 | \$.47 |
| Granted | 912,500 | .35 | 2,643,750 | .41 |
| Expired | (153,986) | .14 | - | |
| Exercised | (356,000) | (.14) | (387,100) | (.14) |
| Canceled | (150,000) | (.31) | (107,500) | (.87) |
| | ----- | | ----- | |
| Outstanding, end of year | 5,539,386 | \$.47 | 5,286,872 | \$.46 |
| | ===== | | ===== | |

All options granted during 2002 and 2001, were at the current market price and the weighted average fair value was \$0.29 and \$0.35, respectively. At December 31, 2002, options for 3,635,983 shares were exercisable and of the remaining options of 1,215,382, 606,979, and 81,042 shares will become exercisable in 2003, 2004, and 2005, respectively.

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The following information summarizes stock options outstanding at December 31, 2002:

| | Outstanding | | | Exercisable | |
|----------------|--------------------|--------------------------------------|----------------|--------------------|------------------|
| Exercise Price | Weighted Average | | | | Weighted Average |
| | Number Outstanding | Remaining Contractual Life in Months | Exercise Price | Number Exercisable | Exercise Price |
| \$0.13 - 0.19 | 633,677 | 42 | \$0.17 | 468,677 | \$0.17 |
| \$0.22 - 0.32 | 1,330,055 | 48 | \$0.27 | 749,395 | \$0.26 |
| \$0.35 - 0.50 | 2,150,654 | 50 | \$0.40 | 1,391,800 | \$0.40 |
| \$0.60 - 0.80 | 820,000 | 62 | \$0.63 | 511,389 | \$0.63 |
| \$1.13 - 1.50 | 605,000 | 53 | \$1.28 | 514,722 | \$1.28 |
| | 5,539,386 | | | 3,635,983 | |
| | 5,539,386 | | | 3,635,983 | |

INCENTIVE STOCK OPTION PLAN - At the time of the acquisition of Q-DOT, Q-DOT had an Incentive Stock Option Plan for the benefit of its employees. At December 31, 2000, Q-DOT had outstanding options to purchase 5,356 shares of its stock. At the time of closing, these options converted into 94,601 options to purchase Simtek Common Stock. No further options will be issued under this plan and all options outstanding will continue to vest per their original vesting schedule. These options have not been included in the above tables.

PRO FORMA STOCK-BASED COMPENSATION DISCLOSURES - The Company applies APB Opinion 25 and related interpretations in accounting for its stock options and warrants which are granted to employees. Accordingly, no compensation cost has been recognized for grants of options and warrants to employees since the exercise prices were not less than the market value of the Company's common stock on the grant dates. Had compensation cost been determined based on the fair value at the grant dates for awards under those plans consistent with the method of SFAS No. 123, the Company's net income and EPS would have been reduced to the pro forma amounts indicated below.

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Year Ended December 31,

2002

2001

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| | | |
|---|--------------|----------------|
| | ----- | ----- |
| Net loss applicable to common shareholders: | | |
| As reported | \$ (962,867) | \$ (1,120,350) |
| Pro forma | (1,584,568) | (1,623,545) |
| Net loss per common shareholders: | | |
| As reported - basic and diluted | \$ (.02) | \$ (.02) |
| Pro forma - basic and diluted | \$ (.03) | \$ (.03) |

The fair value of each option granted in 2002 and 2001 was estimated on the date of grant, using the Black- Scholes option-pricing model with the following:

| | Options Granted During | |
|---------------------------|------------------------|--------|
| | 2002 | 2001 |
| Expected volatility | 132.9% | 138.7% |
| Risk-free interest rate | 3.2% | 3.9% |
| Expected dividends | - | - |
| Expected terms (in years) | 4.0 | 4.0 |

OTHER - Preferred Stock may be issued in such series and preferences as determined by the Board of Directors.

8. SIGNIFICANT CONCENTRATION OF CREDIT RISK, MAJOR CUSTOMERS, AND OTHER RISKS

----- AND UNCERTAINTIES: -----

Sales by location for the year ended December 31, 2002 and 2001 were as follows (as a percentage of sales):

| | 2002 | 2001 |
|---------------|-------|-------|
| United States | 61% | 53% |
| Europe | 9% | 13% |
| Far East | 24% | 27% |
| All Others | 6% | 7% |
| | ----- | ----- |
| Total | 100% | 100% |

Sales from government contracts accounted for approximately 13% and 9% of total sales for the years ended December 31, 2002 and 2001, respectively. Sales from our military products accounted for approximately 17% and 9% of total sales for the years ended December 31, 2002 and 2001, respectively.

Sales to unaffiliated customers which represent 10% or more of the Company's sales for the years ended December 31, 2002 and 2001 were as follows (as a percentage of sales):

SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

| Customer ----- | 2002 ----- | 2001 ----- |
|-------------------|---------------|---------------|
| A | 12% | 19% |
| B | 16% | 16% |
| C | - | 10% |

All customers identified above are from the semiconductor segment of the Company's business.

At December 31, 2002, the Company had gross trade receivables totaling \$699,037 due from the above two customers.

In 2002 and 2001, the Company purchased all of its memory wafers, based on 0.8 micron technology from a single supplier Chartered Semiconductor Manufacturing. Approximately 80% and 86% of the Company's net revenue for 2002 and 2001, respectively, were from finished units produced from these wafers. The Company had an agreement with Chartered Semiconductor Manufacturing to provide wafers, which expired in September 1998. This agreement has not been extended or terminated, however, this supplier still provides wafers to the Company. In February 2003, we received notification from Chartered Semiconductor Manufacturing that they will close their wafer fabrication facility #1 by March 2004. We currently purchase memory wafers manufactured in this facility #1, and we are currently in discussion to move manufacturing to Chartered Semiconductor's Manufacturing facility #2. In addition, the Company purchased all of its logic wafers from two suppliers located in Singapore and Taiwan. Approximately 7% and 5% of its net revenue for 2002 and 2001, respectively, were from finished units produced from these wafers. The Company does not have an agreement with either supplier, however, the Company has not seen any disruption in wafer deliveries. In February 2003, the Company received notification from its supplier of logic wafers in Taiwan that they will be unable to supply the Company with logic wafers after August 2003. Facility #2 is newer and more modern than facility #1, processing 8 inch wafers rather than the older 6 inch wafers processed in facility #1. Assuming acceptable terms are reached to move our process into facility #2 we expect the project will take nine to twelve months to complete. This would provide uninterrupted supply of our current 0.8 micron family of nonvolatile Static Random Access memory products, and would have no material impact on our ability to support our customers. If we cannot reach acceptable terms with Chartered Semiconductor Manufacturing or another supplier, this will have a material negative impact on our future revenues and earnings. Based on discussions with Chartered Semiconductor Manufacturing, we believe that we will be able to reach an acceptable agreement.

9. TAXES

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Under SFAS No. 109, deferred taxes result from temporary differences between the financial statement carrying amounts and the tax bases of assets and liabilities. The components of deferred taxes are as follows:

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

| | Deferred Tax Assets (Liability) |
|---|------------------------------------|
| | ----- |
| Current: | |
| Allowance for doubtful accounts | \$ 4,000 |
| Reserves | 86,000 |
| Warranty reserve | 39,000 |
| Accrued expenses | 103,000 |
| | ----- |
| Net current deferred tax before valuation allowance | 232,000 |
| Valuation allowance | (232,000) |
| | ----- |
| Total current deferred tax | \$ - |
| | ----- |
| Non-Current: | |
| Net operating losses | \$ 10,772,000 |
| Property and equipment | (85,000) |
| R&D credit carryforward | 36,000 |
| AMT credit | 8,000 |
| | ----- |
| Net non-current deferred tax asset before valuation allowance | 10,731,000 |
| Valuation allowance | (10,731,000) |
| | ----- |
| Total non-current deferred tax asset | \$ - |
| | ----- |

The net current and non-current deferred tax assets have a 100% valuation allowance resulting from the inability to predict sufficient future taxable income to utilize the assets. The valuation allowance for 2002 decreased \$2,213,000 and \$109,000 in 2001.

At December 31, 2002, the Company has approximately \$29,000,000 available in net operating loss carryforwards which begins to expire from 2004 to 2016. As a result of certain non-qualified stock options which have been exercised, approximately \$3,280,000 of the net operating loss carryforward will be charged to "paid in capital," when, and if, the losses are utilized. Also, a substantial portion of the net operating loss may be subject to Internal Revenue Code Section 382 limitations.

Total income tax expense for 2002 and 2001 differed from the amounts computed by applying the U.S. Federal statutory tax rates to pre-tax income

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as follows:

| | 2002 | 2001 |
|--|---------|---------|
| Statutory rate | (34.0)% | (34.0)% |
| State income taxes, net of Federal income tax benefit | (3.3)% | (3.3)% |
| Increase (reduction) in valuation allowance related to of net operating loss carryforwards and change in temporary differences | 37.3% | 37.3% |
| | \$ - | \$ - |
| | ===== | ===== |

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SIMTEK CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

10. BUSINESS SEGMENTS

The Company has two reportable segments. One segment designs and produces semiconductor devices for sale into the semiconductor market. The second segment specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications that is supported by government and commercial contracts. Although both segments are managed as part of an integrated enterprise, they are reported herein in a manner consistent with the internal reports prepared for management.

Transactions between reportable segments are recorded at cost. Substantially all operating expenses are identified per each segment. Substantially all of the Company's assets are located in the United States of America.

| Description | Year | Semiconductor Devices | Government Contracts | Total |
|----------------------------------|------|--------------------------|-------------------------|--------------|
| Net Sales | 2002 | \$ 12,422,087 | \$1,904,618 | \$14,326,705 |
| | 2001 | 15,449,981 | 1,500,506 | 16,950,487 |
| Loss from Operations | 2002 | \$ (1,027,908) | \$ 65,041 | \$ (962,867) |
| | 2001 | (925,098) | (195,252) | (1,120,350) |
| Interest income | 2002 | \$ 42,447 | \$ - | \$ 42,477 |
| | 2001 | 79,420 | 77 | 79,497 |
| Interest expense | 2002 | \$ (146,176) | \$ (1,745) | \$ (147,921) |
| | 2001 | (20,214) | (2,351) | (22,565) |
| Depreciation and amortization | 2002 | \$ 407,193 | \$ 35,953 | \$ 443,146 |
| | 2001 | 389,405 | 72,678 | 462,083 |
| Total Assets | 2002 | \$ 7,931,832 | \$ 575,218 | \$ 8,507,050 |
| | 2001 | 6,587,283 | 428,830 | 7,016,113 |

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SIMTEK CORPORATION
CONSOLIDATED BALANCE SHEET

| ASSETS ----- | June 30, 2003 ----- (unaudited) |
|--|---------------------------------------|
| CURRENT ASSETS: | |
| Cash and cash equivalents..... | \$ 2,325,672 |
| Certificate of deposit, restricted..... | 300,000 |
| Accounts receivable - trade, net..... | 2,006,224 |
| Inventory, net | 1,590,810 |
| Prepaid expenses and other..... | 135,719 |
| | ----- |
| Total current assets..... | 6,358,425 |
| EQUIPMENT AND FURNITURE, net..... | 934,090 |
| DEFERRED FINANCING COSTS..... | 99,579 |
| OTHER ASSETS..... | 70,800 |
| | ----- |
| TOTAL ASSETS..... | \$ 7,462,894 ===== |
| | |
| LIABILITIES AND SHAREHOLDERS' EQUITY ----- | |
| CURRENT LIABILITIES: | |
| Accounts payable | \$ 1,240,477 |
| Accrued expenses..... | 389,027 |
| Accrued wages..... | 106,840 |
| Accrued vacation payable..... | 218,710 |
| Debentures..... | 3,000,000 |
| Deferred Revenue..... | - |
| Obligation under capital leases..... | 161,438 |
| | ----- |
| Total current liabilities..... | 5,116,492 |
| NOTES PAYABLE..... | 10,000 |
| DEBENTURES..... | - |
| OBLIGATION UNDER CAPITAL LEASES..... | 114,638 |
| | ----- |
| Total liabilities..... | 5,241,130 |
| SHAREHOLDERS' EQUITY: | |
| Preferred stock, \$1.00 par value, 2,000,000 shares authorized and none issued and outstanding | - |
| Common stock, \$.01 par value, 80,000,000 shares authorized, 54,461,023 and 54,382,273 shares issued and outstanding at June 30, 2003..... | 544,611 |
| Additional paid-in capital..... | 37,605,557 |

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| | |
|---|--------------|
| Treasury Stock..... | (12,504) |
| Accumulated deficit..... | (35,915,900) |
| | ----- |
| Shareholder's equity..... | 2,221,764 |
| | ----- |
| TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY..... | \$ 7,462,894 |
| | ===== |

The accompanying notes are an integral part of these financial statements.

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SIMTEK CORPORATION
STATEMENTS OF OPERATIONS
(unaudited)

| | Six Months Ended June 30, | |
|---------------------------------------|---------------------------|--------------|
| | 2003 | 2002 |
| | ---- | ---- |
| NET SALES..... | \$ 7,355,100 | \$ 7,523,734 |
| Cost of sales..... | 4,920,526 | 4,617,150 |
| | ----- | ----- |
| GROSS MARGIN..... | 2,434,574 | 2,906,584 |
| OPERATING EXPENSES: | | |
| Design, research and development..... | 2,483,142 | 2,270,118 |
| Administrative..... | 475,899 | 393,396 |
| Marketing..... | 820,327 | 905,516 |
| | ----- | ----- |
| Total Operating Expenses..... | 3,779,368 | 3,569,030 |
| NET LOSS FROM OPERATIONS..... | (1,344,794) | (662,446) |
| | ----- | ----- |
| OTHER INCOME (EXPENSE): | | |
| Interest income..... | 17,435 | 14,607 |
| Interest expense..... | (124,637) | (18,985) |
| Other income (expense), net..... | (1,393) | (542) |
| | ----- | ----- |
| Total other income (expense)..... | (108,595) | (4,920) |
| | ----- | ----- |
| NET LOSS BEFORE TAXES..... | (1,453,389) | (667,366) |
| Provision for income taxes..... | - | - |
| | ----- | ----- |
| NET LOSS..... | \$ (1,453,389) | \$ (667,366) |
| | ===== | ===== |

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| | | |
|--------------------------------|------------|------------|
| NET LOSS PER COMMON SHARE: | | |
| Basic and diluted EPS..... | \$ (.03) | \$ (.01) |
| | ===== | ===== |
| WEIGHTED AVERAGE COMMON SHARES | | |
| OUTSTANDING: | | |
| Basic and diluted..... | 54,440,139 | 54,114,604 |

The accompanying notes are an integral part of these financial statements.

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SIMTEK CORPORATION

STATEMENTS OF CASH FLOWS
(unaudited)

| | Six Months En |
|---|-----------------------|
| | ----- 2003 ---- |
| CASH FLOWS FROM OPERATING ACTIVITIES: | |
| Net loss | \$ (1,453,389) |
| Adjustments to reconcile net loss to net cash used in operating activities: | |
| Depreciation and amortization..... | 245,575 |
| Net change in allowance accounts..... | 1,805 |
| Deferred financing fees..... | 8,298 |
| Changes in assets and liabilities: | |
| (Increase) decrease in: | |
| Accounts receivable..... | 313,731 |
| Inventory..... | 2,451 |
| Prepaid expenses and other | 103,737 |
| Increase (decrease) in: | |
| Accounts payable..... | 152,530 |
| Accrued expenses..... | 188,765 |
| Deferred revenue..... | (40,500) |
| Customer deposits..... | 33,075 |
| | ----- |
| Net cash used in operating activities..... | (443,922) |
| | ----- |
| CASH FLOWS FROM INVESTING ACTIVITIES: | |
| Purchase of equipment and furniture | (292,527) |
| | ----- |
| Net cash used in investing activities..... | (292,527) |
| CASH FLOWS FROM FINANCING ACTIVITIES: | |
| Borrowings on notes payable and lines of credit..... | - |
| Payments on notes payable and lines of credit..... | - |
| Payments on capital lease obligation..... | (77,081) |
| Exercise of stock options..... | 11,470 |
| | ----- |
| Net cash used in by financing activities..... | (65,611) |

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| | |
|--|--------------|
| NET DECREASE IN CASH AND CASH EQUIVALENTS..... | (802,060) |
| CASH AND CASH EQUIVALENTS, beginning of period..... | 3,127,732 |
| CASH AND CASH EQUIVALENTS, end of period..... | \$ 2,325,672 |
| SUPPLEMENTAL CASH FLOW INFORMATION: | |
| Purchase of equipment through payables and capital leases..... | \$ 144,160 |

The accompanying notes are an integral part of these financial statements.

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SIMTEK CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. SIGNIFICANT ACCOUNTING POLICIES:

The financial statements included herein are presented in accordance with the requirements of Form 10-QSB and consequently do not include all of the disclosures normally made in the registrant's annual Form 10-KSB filing. These financial statements should be read in conjunction with the financial statements and notes thereto included in Simtek Corporation's Annual Report and Form 10-KSB filed on March 24, 2003 for fiscal year 2002.

In the opinion of management, the unaudited financial statements reflect all adjustments of a normal recurring nature necessary to present a fair statement of the results of operations for the respective interim periods. The year-end balance sheet data was derived from audited financial statements, but does not include all disclosures required by generally accepted accounting principles. Results of operations for the interim periods are not necessarily indicative of the results of operations for the full fiscal year.

2. LINE OF CREDIT:

In April 2003, Simtek Corporation ("Simtek" or the "Company") renewed its revolving line of credit in the amount of \$250,000.

3. CONVERTIBLE DEBENTURES:

On July 1, 2002, the Company received \$3,000,000 in a financing transaction with Renaissance Capital of Dallas, Texas ("Renaissance"). The \$3,000,000 funding consists of convertible debentures with a 7-year term at a 7.5% per annum interest rate. The debentures are convertible at the option of the holder into Simtek common stock at \$0.312 per share, which was in excess of the market price per share on July 1, 2002. Renaissance has exercised its right to appoint one member to the Simtek Board of Directors. Mr. Robert Pearson was appointed to

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Simtek's board of directors on July 25, 2002. At June 30, 2003, the Company was in non-compliance of certain covenants set forth in the loan agreement. The Company has received a waiver from Renaissance through October 1, 2003 with respect to such covenants. The Company is attempting to reach compliance with the stipulated covenant requirements by the end of the waiver period, but cannot be sure that it will achieve such compliance. Therefore, the Company has reclassified the note as a current liability as of June 30, 2003. The Company has a long term relationship with Renaissance and believes that it will be able to revise its current covenant requirements prior to October 1, 2003, whereby the loan will not be called on this date. The Company, however, cannot provide assurances that it will be able to meet its covenant requirements by October 1, 2003 or that such covenants will be revised.

4. GEOGRAPHIC CONCENTRATION:

Sales of our semiconductor products by location for the six months ended June 30, 2003 and 2002 were as follows (as a percentage of semiconductor product sales only):

| | Six Months Ended June 30, | |
|---------------|------------------------------|------|
| | 2003 | 2002 |
| | ---- | ---- |
| United States | 39% | 49% |
| Europe | 12% | 11% |
| Far East | 43% | 29% |
| All others | 6% | 11% |
| | ---- | ---- |
| | 100% | 100% |

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SIMTEK CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

5. BUSINESS SEGMENTS:

The Company has two reportable segments. One segment designs and produces semiconductor devices for sale into the semiconductor market. The second segment specializes in advanced technology research and development for data acquisition, signal processing, imaging and data communications that is supported by government and commercial contracts. Although both segments are managed as part of an integrated enterprise, they are reported herein in a manner consistent with the internal reports prepared for management.

Transactions between reportable segments are recorded at cost. Substantially all operating expenses are identified per each segment. Substantially all of the Company's assets are located in the United States of America.

| Six Months Ended June 30, | |
|------------------------------|------|
| ----- | |
| 2003 | 2002 |

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| Description | ----- | ----- |
|-----------------------|----------------|-------------------|
| Net Sales: | | |
| Semiconductor Devices | \$ 6,332,296 | \$ 6,604,905 |
| Government Contracts | 1,022,804 | 918,829 |
| | ----- | ----- |
| Total | \$ 7,355,100 | \$ 7,523,734 |
| Net Income (Loss): | | |
| Semiconductor Devices | \$ (1,382,230) | \$ (696,614) |
| Government Contracts | (71,159) | 29,248 |
| | ----- | ----- |
| Total | \$ (1,453,389) | \$ (667,366) |
| | | |
| | June 30, 2003 | December 31, 2002 |
| | ----- | ----- |
| Total Assets: | | |
| Semiconductor Devices | \$ 7,032,168 | \$ 7,931,831 |
| Government Contracts | 430,726 | 575,219 |
| | ----- | ----- |
| Total | \$ 7,462,894 | \$ 8,507,050 |

6. PRO FORMA STOCK-BASED COMPENSATION DISCLOSURE

The Company applies APB Opinion 25 and related interpretations in accounting for its stock options which are granted to its employees. Accordingly, no compensation cost has been recognized for grants of options to employees since the exercise prices were not less than the market value of the Company's common stock on the grant dates. Had compensation cost been determined based on the fair value at the grant dates for awards under those plans consistent with the method of SFAS No. 123, the Company's net loss and EPS would have been adjusted to the pro forma amounts indicated below.

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SIMTEK CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

| | Six Months Ended June 30, | |
|--|------------------------------|--------------|
| | ----- | ----- |
| | 2003 | 2002 |
| | ---- | ---- |
| Net loss as reported | \$ (1,453,389) | \$ (667,366) |
| Add: stock based compensation included in reported net loss | - | - |
| Deduct: Stock-based compensation cost under SFAS 123 | (271,669) | (310,851) |
| | ----- | ----- |
| Pro Forma net loss | \$ (1,725,058) | \$ (978,217) |

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| | | |
|---|------------|------------|
| | ----- | ----- |
| Pro forma basic and diluted net loss per share: | | |
| Pro forma shares used in the calculation of pro forma net loss per common share basic and diluted | 54,440,139 | 54,114,604 |
| Reported net loss per common share basic and diluted | \$ (.03) | \$ (.01) |
| Pro forma net loss per common share basic and diluted | \$ (.03) | \$ (.02) |

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PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 24. INDEMNIFICATION OF OFFICERS AND DIRECTORS

The Colorado Business Corporation Act provides that a corporation may indemnify a person made a party to a proceeding because the person is or was a director against liability incurred in the proceeding if (a) the person conducted himself or herself in good faith, (b) the person reasonably believed (1) in the case of conduct in an official capacity with the corporation, that his or her conduct was in the corporation's best interests; and (2) in all other cases, that his or her conduct was at least not opposed to the corporation's best interests and (c) in the case of any criminal proceeding, the person had no reasonable cause to believe his or her conduct was unlawful. Such indemnification is permitted in connection with a proceeding by or in the right of the corporation only to the extent of reasonable expenses incurred in connection with the proceeding. A corporation may not indemnify a director (a) in connection with a proceeding by or in the right of the corporation in which the director was adjudged liable to the corporation; or (b) in connection with any other proceeding charging that the director derived an improper personal benefit, whether or not involving action in an official capacity, in which proceeding the director was adjudged liable on the basis that he or she derived an improper personal benefit. The Colorado Business Corporation Act further provides that a corporation, unless limited by its articles of incorporation, shall indemnify a person who was wholly successful, on the merits or otherwise, in the defense of any proceeding to which the person was a party because the person is or was a director or officer, against reasonable expenses incurred by him or her in connection with the proceeding.

Our articles of incorporation contain a provision that requires us to indemnify, to the fullest extent permitted under the Securities Act of 1933, as amended (the "Act"), directors and officers against all costs and expenses reasonably incurred in connection with the defense of any claim, action, suit or proceeding, whether civil, criminal, administrative, investigative or other, in which such person may be involved by virtue of being or having been a director, officer or employee. Insofar as indemnification for liabilities arising under

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the Act may be permitted to directors, officers and controlling persons of Simtek pursuant to the foregoing provisions, or otherwise, Simtek has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable.

ITEM 25. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION

The following table sets forth the expenses (other than underwriting discounts and commissions) expected to be incurred in connection with the issuance and distribution of the securities registered hereby, all of which expenses, except for the Commission registration fee are estimated:

| | |
|--|----------|
| Securities and Exchange Commission registration fee..... | \$ 200 |
| Legal fees and expenses | 7,500 |
| Accounting fees..... | 3,500 |
| Miscellaneous..... | 2,500 |
| | ----- |
| Total..... | \$13,700 |
| | ===== |

The above expenses will be borne by us.

ITEM 26. RECENT SALES OF UNREGISTERED SECURITIES

In September 2000, we issued 2,900,000 shares of our common stock to WebGear as consideration, together with 1,250,000 shares of WebGear common stock, for our acquisition of intellectual property assets of WebGear. These assets primarily relate to the wireless data communications industry. No advertising or general solicitation occurred with respect to these transactions involving WebGear. WebGear received or had access to the same type of information about us as a registration statement would disclose. WebGear was financially sophisticated and an "accredited investor."

In September 2000, we issued 500,000 shares of our common stock each to both E.B.M. Associates and World Trade Partners in consideration for their agreement to provide financial advisory services. No advertising or general solicitation occurred with respect to our issuance of stock to E.B.M. Associates or World Trade Partners. We only offered to issue, and did issue, stock to E.B.M. Associates and World Trade Partners. E.B.M. Associates and World Trade

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Partners received or had access to the same type of information about us as a registration statement would disclose. We reasonably believed that E.B.M. Associates and World Trade Partners were financially sophisticated.

On March 14, 2001, we completed the merger of Q-DOT Group, Inc. with and into us in exchange for approximately 5,172,000 shares of our common stock, valued at \$4,000,000. Although duly notified of their appraisal rights, no Q-DOT Group stockholder exercised appraisal rights. Q-DOT Group's 30 stockholders received, on a pro rata basis, a total of approximately 5,172,000 shares of our common stock. The transaction was a private placement exempt from registration pursuant to Rule 506 of Regulation D promulgated by the SEC. There were fewer than 35 purchasers of our securities accredited investors. We provided each purchaser with the information required under Regulation D. We reasonably believed that each purchaser who was not an accredited investor, either alone or

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with such person's purchaser representative, was capable of evaluating the risks and merits of investing in our stock. No general solicitation or advertising occurred. Following the merger, we filed a Form D with the SEC as required by Regulation D.

Pursuant to a Convertible Loan Agreement, dated as of June 28, 2002, we issued convertible debentures to Renaissance Capital Growth and Income Fund III, Inc., Renaissance US Growth & Income Trust, PLC and BFS US Special Opportunities Trust, PLC on July 1, 2002. We received \$3,000,000 in funding. The convertible debentures have 7-year terms at a 7.5% per annum interest rate; each fund equally invested \$1,000,000. The holder of the debentures has the right, at any time, to convert all, or in multiples of \$100,000, any part of the debenture into shares of our common stock. The debentures are convertible into our common stock at \$0.312 per share. Each purchaser of the debentures was an accredited investor. No general solicitation or advertising occurred.

With respect to our acquisition of Q-DOT Group, we issued securities in reliance upon Rule 506 of Regulation D. The other issuances described above were deemed to be exempt from registration under the Act, in reliance on Section 4(2) of the Act as transactions by an issuer not involving a public offering.

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ITEM 27. EXHIBITS

All exhibits listed below are incorporated herein by reference, except

Exhibit 23.1.

- 3.1 Amended and Restated Articles of Incorporation.(2)
- 3.2 Amended and Restated Articles of Incorporation November 1997.(7)
- 3.3 Bylaws.(2)
- 4.1 1987-I Employee Restricted Stock Plan.(1)
- 4.2 Form of Restricted Stock Agreement between the Company and Participating Employees.(1)
- 4.3 Form of Common Stock Certificate.(3)
- 4.4 Simtek Corporation 1991 Stock Option Plan.(4)
- 4.5 Form of Incentive Stock Option Agreement between the Company and Eligible Employees.(4)
- 4.6 1994 Non-Qualified Stock Option Plan.(5)
- 4.7 Amendment to the 1994 Non-Qualified Stock Option Plan.(6)
- 4.8 Q-DOT Group, Inc. Incentive Stock Option Plan of March 1994 adopted by Simtek (15)
- 4.9 Form of Q-DOT Group, Inc. Incentive Stock Option Agreement between the Company and Eligible Employees.(15)
- 4.10 Amendment to the 1994 Non-Qualified Stock Option Plan.(15)
- 5.1 Opinion of Holme Roberts & Owen LLP*
- 10.1 Form of Non-Competition and Non-Solicitation Agreement between the Company and certain of its employees.(1)
- 10.2 Form of Employee Invention and Patent Agreement between the Company and certain of its employees.(1)
- 10.3 Product License Development and Support Agreement between Simtek Corporation and Zentrum Mikroelektronik Dresden GmbH dated June 1, 1994(5)
- 10.4 Cooperation Agreement between Simtek Corporation and Zentrum Mikroelektronik Dresden GmbH dated September 14, 1995(6)
- 10.5 Manufacturing Agreement between Chartered Semiconductor Manufacturing, PTE, LTD. and Simtek Corporation dated September 16, 1992(6)
- 10.6 Employment agreement between the Simtek Corporation and Douglas M.

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- Mitchell(8)
- 10.7 Share Exchange Agreement dated May 9, 2000 between Simtek Corporation and Hugh N. Chapman (9)
 - 10.8 Share Exchange Agreement dated June 16, 2000 between Simtek Corporation and WebGear Inc. (9)
 - 10.9 Share Exchange Agreement dated July 31, 2000 between Simtek Corporation and Jaskarn Johal and Kashmira S. Johal (10)
 - 10.10 Asset Purchase Agreement between Simtek Corporation and WebGear, Inc. (11)
 - 10.11 Amendment to Asset Purchase Agreement between Simtek Corporation and WebGear, Inc. (12)
 - 10.12 Agreement and Plan of Merger among Simtek Corporation, W-DOT Group, Inc. and Q-DOT, Inc. (13)
 - 10.13 Employment Agreement between Simtek Corporation and Hugh N. Chapman (14)
 - 10.14 Technology Development, License and Product Agreement between Amkor Technology and Simtek (16)
 - 10.15 Manufacturing Services Agreement between Amkor Technology, Inc. and Simtek Corp (16)
 - 10.16 Convertible Loan Agreement between Simtek Corporation as borrower and Renaissance Capital Growth & Income Fund III, Inc. and Renaissance US Growth and Income Trust, PLC and BFSUS Special Opportunities Trust, PLC as lenders (17)
 - 10.17 7.5% \$1,000,000 Convertible Debenture between Simtek Corporation and BFSUS Special Opportunities Trust, PLC (17)
 - 10.18 7.5% \$1,000,000 Convertible Debenture between Simtek Corporation and Renaissance Capital Growth & Income Fund III, Inc. (17)
 - 10.19 7.5% \$1,000,000 Convertible Debenture between Simtek Corporation and Renaissance Capital US Growth & Income Trust, PLC (17)
 - 10.20 Borrowers Security Agreement between Simtek Corporation as borrower and Renaissance Capital Growth & Income Fund III, Inc. and Renaissance US Growth and Income Trust, PLC and BFSUS Special Opportunities Trust, PLC as lenders (17)
 - 10.21 Pledge Agreement between Simtek Corporation as borrower and Renaissance Capital Growth & Income Fund III, Inc. and Renaissance US Growth and Income Trust, PLC and BFSUS Special Opportunities Trust, PLC as lenders (17)

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- 10.22 Technology Development, License and Product Agreement between Amkor Technology and Simtek - Amended September 2002 (18)
- 10.23 Assignment, dated February 21, 2003, of the Agreement(s) between Simtek Corporation and Amkor Technology, Inc.(19)
- 23.1 Consent of Independent Public Accountants
- 23.2 Consent of Holme Roberts & Owen LLP is included in Exhibit 5.1*

* Previously filed.

- (1) Incorporated by reference to the Company's Form S-1 Registration Statement (Reg. No. 33-37874) filed with the Commission on November 19, 1990.
- (2) Incorporated by reference to the Company's Amendment No.1 to Form S-1 Registration Statement (Reg. No. 33-37874) filed with the Commission on February 4, 1991.
- (3) Incorporated by reference to the Company's Amendment No.2 to Form S-1 Registration Statement (Reg. No. 33-37874) filed with the Commission on March 4, 1991.
- (4) Incorporated by reference to the Company's Form S-1 Registration Statement

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- (Reg. No. 33-46225) filed with the Commission on March 6, 1992.
- (5) Incorporated by reference to the Company's Annual Report on Form 10-K filed with the Commission on March 25, 1995
 - (6) Incorporated by reference to the Company's Annual Report on Form 10-K filed with the Commission on March 27, 1996
 - (7) Incorporated by reference to the Company's Annual Report on Form 10-K filed with the Commission on March 24, 1998
 - (8) Incorporated by reference to the Company's Annual Report on Form 10-KSB filed with the Commission on March 12, 1999
 - (9) Incorporated by reference to the Form SB-2 Registration Statement (Reg. No. 333-40988) filed with the Commission on July 7, 2000
 - (10) Incorporated by reference to the Form 8-K filed with the Commission on August 14, 2000
 - (11) Incorporated by reference to the Form 8-K filed with the Commission on October 13, 2000
 - (12) Incorporated by reference to the Company's Amendment No. 2 to Form SB-2 Registration Statement (Reg. No. 333-40988)
 - (13) Incorporated by reference to the Company's Form 8-K filed with the March 23, 2001
 - (14) Incorporated by reference to the Form SB-2 Registration Statement Amendment #3 (Reg. No. 333-60492) filed with the Commission on September 4, 2001
 - (15) Incorporated by reference to the Company's Form S-8 Registration Statement (Reg. No. 333-73794) filed with the Commission on November 20, 2001
 - (16) Incorporated by reference to the Company's Annual Report on Form 10-KSB filed with the Commission on March 27, 2002
 - (17) Incorporated by reference to the Company's Quarterly Report on Form 10-QSB filed with the Commission on August 13, 2002
 - (18) Incorporated by reference to the Company's Quarterly Report on Form 10-QSB filed with the Commission on November 8, 2002
 - (19) Incorporated by reference to the Company's Annual Report on Form 10-KSB filed with the Commission on March 27, 2003

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Item 28. Undertakings

Insofar as indemnification for liabilities arising under the Securities Act of 1933 (the "Act") may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

The undersigned registrant hereby undertakes to:

- (1) File, during any period in which it offers or sells securities, a

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post-effective amendment to this registration statement to:

- (i) Include any prospectus required by section 10(a)(3) of the Securities Act;
- (ii) Reflect in the prospectus any facts or events which, individually or together, represent a fundamental change in the information in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) (17 C.F.R. ss. 230.424(b)) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.
- (iii) Include any additional or changed material information on the plan of distribution.

(2) For determining liability under the Securities Act, treat each post-effective amendment as a new registration statement of the securities offered, and the offering of the securities at that time to be the initial bona fide offering.

(3) File a post-effective amendment to remove from registration any of the securities that remain unsold at the end of the offering.

[The undersigned registrant hereby undertakes to, for determining any liability under the Securities Act, treat each post-effective amendment that contains a form of prospectus as a new registration statement for the securities offered in the registration statement, and that offering of the securities at that time as the initial bona fide offering of those securities.]

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SIGNATURES

In accordance with the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form SB-2 and authorized this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Colorado Springs, State of Colorado on August 27, 2003.

Simtek Corporation,
a Colorado corporation

By: /s/Douglas M. Mitchell

Douglas M. Mitchell
Chief Executive Officer and President

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In accordance with the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates stated.

SIGNATURE

/s/Douglas M. Mitchell

Douglas M. Mitchell
Director, Chief Executive Officer, President and Chief
Financial Officer (acting)
August 27, 2003

/s/Robert H. Keeley *

Robert H. Keeley
Director
August 27, 2003

/s/Harold Blomquist *

Harold Blomquist
Director
August 27, 2003

/s/Klaus Wiemer *

Klaus Wiemer
Director
August 27, 2003

/s/Kimberley Carothers

Kimberley Carothers
Controller (Principal Accounting Officer)
August 27, 2003

* By /s/Douglas M. Mitchell, Attorney in Fact