

UTSTARCOM INC  
Form 8-K  
July 10, 2003

# SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549-1004

## FORM 8-K

### CURRENT REPORT

**Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934**

**July 10, 2003**

Date of Report (Date of Earliest Event Reported)

## UTSTARCOM, INC.

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation)

**002-29661**

(Commission File  
Number)

**52-1782500**

(I.R.S. Employer Identification No.)

**1275 Harbor Bay Parkway  
Alameda, California 94502**

(Address of principal executive offices) (Zip code)

**(510) 864-8800**

(Registrant's telephone number, including area code)



**Item 5. Other Events.**

The following are risks related to UTStarcom, Inc., which were included in its Registration Statement on Form S-3 filed as of the date hereof.

**Risks Related to Our Company**

**Our future product sales are unpredictable, our operating results are likely to fluctuate from quarter to quarter, and if we fail to meet the expectations of securities analysts or investors, our stock price could decline significantly.**

Our quarterly and annual operating results have fluctuated in the past and are likely to fluctuate in the future due to a variety of factors, some of which are outside of our control. As a result, period-to-period comparisons of our operating results are not necessarily meaningful or indicative of future performance. Furthermore, it is likely that in some future quarters our operating results will fall below the expectations of securities analysts or investors. If this occurs, the trading price of our common stock could decline.

Factors that may affect our future operating results include:

the timing, number and size of orders for our products, as well as the relative mix of orders for each of our products, particularly the volume of lower margin handsets;

cancellation, deferment or delay in implementation of large contracts;

the evolving and unpredictable nature of the economic, regulatory, competitive and political environments in China and other countries in which we market or plan to market our products;

price reductions by our competitors;

competitive market pressures resulting in decreased gross margins or increased inventory levels;

changes in our customers' subscriber growth rate;

currency fluctuations;

market acceptance of our products and product enhancements;

the lengthy and unpredictable sales cycles associated with sales of our products combined with the impact of this variability on our suppliers' ability to provide us with components on a timely basis;

the impact of changes in general world and domestic economic conditions in light of the military and political situation in Iraq;

longer collection periods of accounts receivable in China and other countries; and

the decline in business activity we typically experience during the Lunar New Year, which leads to decreased sales during our first fiscal quarter.

The limited performance history of some of our products, our limited forecasting experience and processes and the emerging nature of our target markets make forecasting our future sales and operating results difficult. Our expense levels are based, in part, on our expectations regarding future sales, and these expenses are largely fixed, particularly in the short term. In addition, to enable us to promptly fill orders, we maintain inventories of finished goods, components and raw materials. As a result, we commit to considerable costs in advance of anticipated sales. In the past, a substantial portion of our sales in each quarter resulted from orders received and shipped in that quarter, and we have operated with a limited backlog of unfilled orders. Accordingly, we may not be able to reduce our costs in a timely manner to compensate for any unexpected shortfall between forecasted and actual sales. Any significant shortfall of sales may require us to maintain higher levels of inventories of finished goods, components and raw materials than we require, thereby increasing our risk of inventory obsolescence and corresponding inventory write-downs and write-offs.

**Competition in our markets may lead to reduced prices, revenues and market share.**

We are increasingly facing intense competition in our target markets, especially from domestic companies in China. We believe that our strongest competition in the future may come from these companies, many of which operate under lower cost structures and more favorable governmental policies and have much larger sales forces than we do. Furthermore, other companies not presently offering competing products may also enter our target markets, particularly with the reduction of trade restrictions as a result of China's admission to the World Trade Organization, or WTO. Many of our competitors have significantly greater financial, technical, product development, sales, marketing and other resources than we do. As a result, our competitors may be able to respond more quickly to new or emerging technologies and changes in service provider requirements. Our competitors may also be able to devote greater resources than we can to the development, promotion and sale of new products. These competitors may also be able to offer significant financing arrangements to service providers, in some cases facilitated by government policies, which is a competitive advantage in selling systems to service providers with limited financial and currency resources. Increased competition is likely to result in price reductions, reduced gross profit as a percentage of net sales and loss of market share, any one of which could materially harm our business, financial condition and results of operations.

Moreover, current and potential competitors have established or may establish cooperative relationships among themselves or with third parties, including Telecommunications Administrations, Telecommunications Bureaus and other local organizations, to increase the ability of their products to address the needs of prospective customers in our target markets. Accordingly, alliances among competitors or between competitors and third parties may emerge and rapidly acquire significant market share. To remain competitive, we believe that we must continue to partner with Telecommunications Administrations and other local organizations, maintain a high level of investment in research and development and in sales and marketing, and manufacture and deliver products to service providers on a timely basis and without significant defects. If we fail to meet any of these objectives, our business, financial condition and results of operations could be harmed.

The introduction of inexpensive wireless telephone service or other competitive services in China may also have an adverse impact on sales of our PAS systems and handsets in China. We may not be able to compete successfully against current or future competitors, and competitive pressures in the future may materially adversely affect our business, financial condition and results of operations.

**Our business may suffer if we are unable to collect payments from our customers on a timely basis.**

Our customers often must make a significant commitment of capital to purchase our products. As a result, any downturn in a customer's business that affects the customer's ability to pay us could harm our financial condition. Moreover, accounts receivable collection cycles historically tend to be much longer in China than in other markets. The failure of any of our customers to make timely payments could require us to write-off accounts receivable or increase our accounts receivable reserves, either of which could adversely affect our financial condition.

**Our acquisition of CommWorks could be difficult to integrate, may disrupt our business and could harm our operating results.**

In May, 2003, we completed our acquisition of certain assets of 3Com Corporation's CommWorks division (CommWorks). However, our management and financial controls, personnel, computer systems and other corporate support systems may not be adequate to manage the increase in the size and scope of our operations as a result of the completed acquisition. In addition, we may not be able to generate revenue from the CommWorks operations consistent with historical results. We may not be able to realize the synergies that we expect will result from the addition of the CommWorks assets to our business. Although our acquisition of CommWorks is structured as the acquisition of selected assets and liabilities, we cannot assure you that we will not assume or become subject to, as a result of the acquisition, liabilities that have an adverse impact on our financial position or results of operations. We also expect that CommWorks will need a significant working capital investment from us and/or an available debt facility. If additional financing is needed to fund the CommWorks operations, we cannot assure you that such financing will be available to us on commercially reasonable terms, or at all.

Moreover, based on information provided by 3Com Corporation, CommWorks has experienced sequentially declining annual revenue for the past several years and has experienced substantial operating losses during these periods. There can be no assurance that CommWorks will not continue to do so following its acquisition by us. Furthermore, historical results of the CommWorks operations may not be indicative of the results to be expected from those operations as they are integrated into our business.

**Our market is subject to rapid technological change, and to compete effectively, we must continually introduce new products that achieve market acceptance.**

The emerging market for communications equipment in developing countries is characterized by rapid technological developments, frequent new product introductions and evolving industry and regulatory standards. Our success will depend in large part on our ability to enhance our network access and switching technologies and develop and introduce new products and product enhancements that anticipate changing service provider requirements and technological

developments. We may need to make substantial capital expenditures and incur significant research and development costs to develop and introduce new products and enhancements. If we fail to timely develop and introduce new products or enhancements to existing products that effectively respond to technological change, our business, financial condition and results of operations could be materially adversely affected. From time to time, our competitors or we may announce new products or product enhancements, technologies or services that have the potential to replace or shorten the life cycles of our products and that may cause customers to defer purchasing our existing products, resulting in inventory obsolescence. Future technological advances in the communications industry may diminish or inhibit market acceptance of our existing or future products or render our products obsolete.

Even if we are able to develop and introduce new products, they may not gain market acceptance. Market acceptance of our products will depend on various factors including:

our ability to obtain necessary approvals from regulatory organizations;

the perceived advantages of the new products over competing products;

our ability to attract customers who have existing relationships with our competitors;

product cost relative to performance; and

the level of customer service available to support new products.

Specifically, sales of PAS, our wireless access system, will depend in part upon consumer acceptance of the mobility limitations of this service relative to other wireless service systems, such as GSM or CDMA. If our existing or new products fail to achieve market acceptance for any reason, our business could be seriously harmed.

**Our business will suffer if we are unable to deliver quality products on a timely and cost effective basis.**

Our operating results depend on our ability to manufacture products on a timely and cost effective basis. In the past, we have experienced reductions in yields as a result of various factors, including defects in components and human error in assembly. If we experience deterioration in manufacturing performance or a delay in production of any of our products, we could experience delays in shipments and cancellations of orders. Moreover, networking products frequently contain undetected software or hardware defects when first introduced or as new versions are released. In addition, our products are often embedded in or deployed in conjunction with service providers' products, which incorporate a variety of components produced by third parties. As a result, when a problem occurs, it may be difficult to identify the source of the problem. These problems may cause us to incur significant warranty and repair costs, divert the attention of our engineering personnel from our product

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development efforts and cause significant customer relation problems or loss of customers, any one of which could harm our business.

We contract with third parties in China to undertake high volume manufacturing and assembly of our handsets. In addition, we sometimes use third parties for high volume assembly of

circuit boards. We do not have any long-term contracts with these third party manufacturers, and in the event that these manufacturers are unable or unwilling to continue to manufacture our products, we may be unable to secure alternative manufacturers or could experience delays in qualifying new manufacturers.

**We depend on some sole source and other key suppliers for handsets, base stations, components and materials used in our products, and if these suppliers fail to provide us with adequate supplies of high quality products at competitive prices, our competitive position, reputation and business could be harmed.**

Some components and materials used in our products are purchased from a single supplier or a limited group of suppliers. If any supplier is unwilling or unable to provide us with high quality components and materials in the quantities required and at the costs specified by us, we may not be able to find alternative sources on favorable terms, in a timely manner, or at all. Our inability to obtain or to develop alternative sources if and as required could result in delays or reductions in manufacturing or product shipments. Moreover, these suppliers may delay product shipments or supply us with inferior quality products. If any of these events occur, our competitive position, reputation and business could suffer.

Our ability to source a sufficient quantity of high quality components used in our products may be limited by China's import restrictions and duties. We require a significant number of imported components to manufacture our products in China. Imported electronic components and other imported goods used in the operation of our business are subject to a variety of permit requirements, approval procedures, import duties and registration requirements. Non-payment of required import duties could subject us to penalties and fines and could adversely affect our ability to manufacture and sell our products in China. In addition, import duties increase the cost of our products and may make them less competitive.

In particular, components of our PAS system include the handset used by subscribers to make and receive mobile telephone calls and the base station unit. Our inability to obtain a sufficient number of high quality components and assemblies for handsets and base stations could severely harm our business. From time to time, there has been a worldwide shortage of handsets, and there currently exists a shortage of low-priced handsets, which we have found to be popular with many consumers in China. We have only used third parties to assemble and manufacture handsets in China for us for a limited period of time. These manufacturers may be unable to produce adequate quantities of high-quality handsets to meet the demand of our customers. In addition, we may be unable to obtain adequate quantities of base stations and may be unable to find alternative sources on favorable terms, in a timely manner, or at all. Our inability to obtain or to develop alternative sources if and as required could result in delays or reductions in manufacturing or product shipments.

**If we are unable to expand our direct sales operation in China and indirect distribution channels elsewhere or successfully manage our expanded sales organization, our operating results may suffer.**

Our distribution strategy focuses primarily on developing and expanding our direct sales organization in China and our indirect distribution channels outside of China. We may not be able to successfully expand our direct sales organization in China and the cost of any expansion may exceed the revenue generated from these efforts. Even if we are successful in expanding our direct sales

organization in China, we may not be able to compete successfully against the significantly larger and better-funded sales and marketing operations of current or potential competitors. In addition, if we fail to develop relationships with significant international resellers or manufacturers' representatives, or if these resellers or representatives are not successful in their sales or marketing efforts, we may be unsuccessful in our expansion efforts outside China.

**We expect average selling prices of our products to decrease which may reduce our revenues and our gross margin as a percentage of net sales, and, as a result, we must introduce new products and reduce our costs in order to maintain profitability.**

The average selling prices for communications access and switching systems and subscriber terminal products, such as handsets, in China have been declining as a result of a number of factors, including:

increased competition;

aggressive price reductions by competitors; and

rapid technological change.

We anticipate that average selling prices of our products will decrease in the future in response to product introductions by us or our competitors or other factors, including price pressures from customers. Therefore, we must continue to develop and introduce new products and enhancements to existing products that incorporate features that can be sold at higher average selling prices. Failure to do so could cause our revenues and gross profit, as a percentage of net sales, to decline.

Our cost reduction efforts may not allow us to keep pace with competitive pricing pressures or lead to improved gross profit, as a percentage of net sales. In order to be competitive, we must continually reduce the cost of manufacturing our products through design and engineering changes. We may not be successful in these efforts or delivering our products to market in a timely manner. Any redesign may not result in sufficient cost reductions to allow us to reduce the prices of our products to remain competitive or to improve or maintain our gross profit, as a percentage of net sales.

**Shifts in our product mix may result in declines in gross profit, as a percentage of net sales.**

Our gross profit, as a percentage of net sales, varies among our product groups. Our gross profit, as a percentage of net sales, is generally higher on our access network system products and is significantly lower on our handsets. We also anticipate that the gross profit, as a percentage of net sales, may be lower for our newly developed products due to start-up costs and may improve as unit volumes increase and efficiencies can be realized. Our overall gross profit, as a percentage of net sales, has fluctuated from period to period as a result of shifts in product mix, the introduction of new products, decreases in average selling prices for older products and our ability to reduce manufacturing costs.



**Service providers sometimes evaluate our products for long and unpredictable periods which causes the timing of purchases and our results of operations to be unpredictable.**

The period of time between our initial contact with a service provider and the receipt of an actual purchase order may span a year or more. During this time, service providers may subject our products to an extensive and lengthy evaluation process before making a purchase. The length of these qualification processes may vary substantially by product and service provider, making our results of operations unpredictable. We may incur substantial sales and marketing expenses and expend significant management effort during this process, which ultimately may not result in a sale. These qualification processes often make it difficult to obtain new customers, as service providers are reluctant to expend the resources necessary to qualify a new supplier if they have one or more existing qualified sources.

**Our multi-national operations subject us to various economic, political, regulatory and legal risks.**

We market and sell our products in China and other markets, including Taiwan, Japan, Vietnam, India and Latin America. The expansion of our existing multi-national operations and entry into additional international markets will require significant management attention and financial resources. Multi-national operations are subject to inherent risks, including:

difficulties in designing products that are compatible with varying international communications standards;

longer accounts receivable collection periods and greater difficulty in accounts receivable collection;

unexpected changes in regulatory requirements or the regulatory environment;

changes in governmental control or influence over our customers;

changes to import and export regulations, including quotas, tariffs and other trade barriers;

delays or difficulties in obtaining export and import licenses;

potential foreign exchange controls and repatriation controls on foreign earnings;

exchange rate fluctuations and currency conversion restrictions;

the burdens of complying with a variety of foreign laws and regulations;

difficulties and costs of staffing and managing multi-national operations, including but not limited to internal control and compliance;

reduced protection for intellectual property rights in some countries;

potentially adverse tax consequences; and

political and economic instability.

Multi-national companies are required to establish intercompany pricing for transactions between their separate legal entities operating in different taxing jurisdictions. These intercompany transactions are subject to audit by taxing authorities in the jurisdictions in which multi-national companies operate. An additional tax liability may be incurred if it is determined that intercompany pricing was not done at arm's length. We believe we have adequately estimated and recorded our liability arising from intercompany pricing, but an additional tax liability may result from audits of our intercompany pricing policies.

In markets outside of China, we rely on a number of original equipment manufacturers, or OEMs, and third-party distributors and agents to market and sell our network access products. If these OEMs, distributors or agents fail to provide the support and effort necessary to service developing markets effectively, our ability to maintain or expand our operations outside of China will be negatively impacted. We may not successfully compete in these markets, our products may not be accepted and we may not successfully overcome the risks associated with international operations.

Moreover, in less developed markets we may face additional risks, such as inconsistent infrastructure support, unstable political and economic environments, and lack of a secure environment for our personnel, facilities and equipment. We have in the past experienced cases of vandalism and armed theft of our equipment that had been or was being installed in the field. If disruptions for any of these reasons become too severe in any particular market, it may become necessary for us to terminate contracts and withdraw from that market and suffer the associated costs and lost revenue.

Due to the multi-national nature of our business and operations, we are subject to regulation in multiple governmental jurisdictions. Furthermore, as a result of the heavily regulated nature of the markets in which we operate, we are continually subject to the risk of governmental investigations regarding our compliance with the rules and regulations of such jurisdictions. Should we become subject to any such investigations, there may be significant and unanticipated expenses, and risks such as the distraction of our key employees and disruptions to our operations. Such expenses and risks may result even in the event that such investigations are decided in our favor and no instances of non-compliance are found.

**We are subject to risks relating to currency exchange rate fluctuations.**

We are exposed to foreign exchange rate risk because our sales to China are denominated in Renminbi and portions of our accounts payable are denominated in Japanese Yen. Due to the limitations on converting Renminbi, we are limited in our ability to engage in currency hedging activities in China. Although the impact of currency fluctuations of Renminbi to date has been insignificant, fluctuations in currency exchange rates in the future may have a material adverse effect on our results of operations.

**Our failure to meet international and governmental product standards could be detrimental to our business.**

Many of our products are required to comply with numerous government regulations and standards, which vary by market. As standards for products continue to evolve, we will need to



modify our products or develop and support new versions of our products to meet emerging industry standards, comply with government regulations and satisfy the requirements necessary to obtain approvals. Our inability to obtain regulatory approval and meet established standards could delay or prevent our entrance into or force our departure from particular markets.

**Our recent growth has strained our resources, and if we are unable to manage and sustain our growth, our operating results will be negatively affected.**

We have recently experienced a period of rapid growth and anticipate that we must continue to expand our operations to address potential market opportunities. If we fail to implement or improve systems or controls or to manage any future growth and expansion effectively, our business could suffer.

Our expansion has placed and will continue to place a significant strain on our management, operational, financial and other resources. To manage our growth effectively, we will need to take various actions, including:

enhancing management information systems and forecasting procedures;

further developing our operating, administrative, financial and accounting systems and controls;

maintaining close coordination among our engineering, accounting, finance, marketing, sales and operations organizations;

expanding, training and managing our employee base; and

expanding our finance, administrative and operations staff.

**We may not be able to sustain profitability.**

We may not be able to remain profitable in future periods. We anticipate continuing to incur significant sales and marketing, research and development and general and administrative expenses and, as a result, we will need to generate higher revenues to remain profitable. Numerous factors could negatively impact our results of operations, including a decrease in sales, price pressures and significant fixed costs. Our past results should not be relied on as an indication of our future performance.

**Our success is dependent on continuing to hire and retain qualified personnel, and if we are not successful in attracting and retaining these personnel, our business would be harmed.**

The success of our business depends in significant part upon the continued contributions of key technical and senior management personnel, many of whom would be difficult to replace. In particular, our success depends in large part on the knowledge, expertise and services of Hong Liang Lu, our Chairman of the Board, President and Chief Executive Officer, and Ying Wu, our Executive Vice President and Chief Executive Officer of China Operations. The loss of any key employee, the failure of any key employee to perform satisfactorily in his or her current position or our failure to attract and retain other key technical and senior management employees could have a significant negative impact on our operations.

To effectively manage our recent growth as well as any future growth, we will need to recruit, train, assimilate, motivate and retain qualified employees. Competition for qualified employees is intense, and the process of recruiting personnel with the combination of skills and attributes required to execute our business strategy can be difficult, time-consuming and expensive. We are actively searching for research and development engineers and sales and marketing personnel, who are in short supply. Additionally, we have a need for and have experienced difficulty in finding qualified accounting personnel knowledgeable in U.S. and China accounting standards who are resident in China. If we fail to attract, hire, assimilate or retain qualified personnel, our business would be harmed.

Competitors and others have in the past and may in the future attempt to recruit our employees. In addition, companies in the telecommunications industry whose employees accept positions with competitors frequently claim that the competitors have engaged in unfair hiring practices. We may be the subject of these types of claims in the future as we seek to hire qualified personnel. Some of these claims may result in material litigation and disruption to our operations. We could incur substantial costs in defending ourselves against these claims, regardless of their merit.

**Any acquisitions that we undertake could be difficult to integrate, disrupt our business, dilute our stockholders and harm our operating results.**

We may acquire other businesses, products and technologies. For example, on May 23, 2003, we purchased certain assets and liabilities of the CommWorks division of 3Com Corporation for \$100.0 million in cash. In addition, during 2002 we acquired Issanni, a remote access server and local access technology company and assets and intellectual property of Shanghai Yi Yun, a provider of synchronous digital hierarchy transmission equipment. Any anticipated benefits of an acquisition may not be realized. We have in the past and will continue to evaluate acquisition prospects that would complement our existing product offerings, augment our market coverage, enhance our technological capabilities, or that may otherwise offer growth opportunities. Acquisitions may result in dilutive issuances of equity securities, use of our cash resources, the incurrence of debt and the amortization of expenses related to intangible assets. In addition, acquisitions involve numerous risks, including difficulties in the assimilation of operations, technologies, products and personnel of the acquired company, diversion of management's attention from other business concerns, risks of entering markets in which we have no direct or limited prior experience, and the potential loss of key employees of the acquired company.

**We may be unable to adequately protect our intellectual property which could substantially harm our business.**

We rely on a combination of patents, copyrights, trademarks, trade secret laws and contractual obligations to protect our technology. We have applied for patents in the United States, three of which have been issued. We have also filed patent applications in other countries. Additional patents may not be issued from our pending patent applications and our issued patents may not be upheld. In addition, we have, from time to time, chosen to abandon previously filed applications. Moreover, we have not yet obtained, and may not be able to obtain, patents in China on our products or the technology that we use to manufacture our products. Our subsidiaries and joint ventures in China rely

upon our trademarks, technology and know-how to manufacture and sell our products. We cannot guarantee that these and other intellectual property protection measures will be sufficient to prevent misappropriation of our technology or that our competitors will not independently develop technologies that are substantially equivalent or superior to ours. In addition, the legal systems of many foreign countries, including China, do not protect intellectual property rights to the same extent as the legal system of the United States.

**We may be subject to claims that we infringe the intellectual property of others, which could substantially harm our business.**

The industry in which we compete is moving towards aggressive assertion, licensing, and litigation of patents and other intellectual property rights. From time to time, we have become aware of the possibility or have been notified that we may be infringing certain patents or other intellectual property rights of others. Regardless of their merit, responding to such claims could be time consuming, divert management's attention and resources and cause us to incur significant expenses.

We may, in the future, become subject to litigation to defend against claimed infringements of the rights of others or to determine the scope and validity of the proprietary rights of others. Future litigation may also be necessary to enforce and protect our trade secrets and other intellectual property rights. Any intellectual property litigation or threatened intellectual property litigation could be costly, and adverse determinations or settlements could result in the loss of our proprietary rights, subject us to significant liabilities, require us to seek licenses from or pay royalties to third parties which may not be available on commercially reasonable terms, if at all, and/or prevent us from manufacturing or selling our products, which could cause disruptions to our operations or the markets in which we compete.

In the event that there is a successful claim of infringement against us and we fail to develop non-infringing technology or license the proprietary rights on commercially reasonable terms and conditions, our business, results of operations or financial condition could be materially and adversely impacted.

**Business interruptions could adversely affect our business.**

Our operations are vulnerable to interruption by fire, earthquake, power loss, telecommunications failure and other events beyond our control. We do not have a detailed disaster recovery plan. Our headquarters facility in the State of California was subject to electrical blackouts as a consequence of a shortage of available electrical power. In the event these blackouts resume, they could disrupt the operations at our headquarters. In addition, we do not carry sufficient business interruption insurance to compensate us for losses that may occur and any losses or damages incurred by us could have a material adverse effect on our business.

**We are exposed to fluctuations in the values of our portfolio investments.**

We maintain an investment portfolio of various holdings, types, and maturities. Part of this portfolio includes equity investments in publicly traded companies, the value of which are subject to market price volatility. Recent events have adversely affected the public equities market and general economic conditions may continue to worsen. Should the fair value of our publicly traded equity



investments decline below their cost basis in a manner deemed to be other-than-temporary, it may become necessary for us to take an impairment charge.

We have also invested in several privately held companies as well as investment funds which invest primarily in privately held companies, many of which can still be considered in the start-up or development stages. These investments are inherently risky, as the market for the technologies or products they have under development are typically in the early stages and may never materialize. We could lose our entire initial investment in these companies and investment funds.

**If we seek to secure additional financing we may not be able to do so. If we are able to secure additional financing our stockholders may experience dilution of their ownership interest or we may be subject to limitations on our operations.**

We currently anticipate that our available cash resources, which include existing cash and cash equivalents, short-term investments and cash from operations, will be sufficient to meet our anticipated needs for working capital and capital expenditure during the next 12 months. If we are unable to generate sufficient cash flows from operations to meet our anticipated needs for working capital and capital expenditures, we may need to raise additional funds to develop new or enhanced products, respond to competitive pressures, take advantage of acquisition opportunities or raise capital for strategic purposes. If we raise additional funds through the issuance of equity securities, our stockholders may experience dilution of their ownership interest, and the newly issued securities may have rights superior to those of common stock. If we raise additional funds by issuing debt, we may be subject to limitations on our operations.

**We have been named as a defendant in securities litigation.**

We, and various underwriters for our initial public offering are defendants in a putative shareholder class action. The complaint alleges undisclosed improper underwriting practices concerning the allocation of IPO shares, in violation of the federal securities laws. Similar complaints have been filed concerning the IPOs of more than 300 companies, and the litigation has been coordinated in federal court for the Southern District of New York as *In re Initial Public Offering Securities Litigation*, 21 MC 92. We believe we have meritorious defenses to the claims against us and intend to defend the litigation vigorously. However, as litigation is by its nature uncertain, an unfavorable resolution of the lawsuit could have a material adverse effect on our business, results of operations, or financial condition. A proposal to settle the action has been made, and the Company is currently engaged in settlement discussions. However, at this stage there can be no assurance that any settlement will be effectuated.

#### **Risks Relating to the Structure and Regulation of China's Telecommunications Industry**

**China's telecommunications industry is subject to extensive government regulation.**

China's telecommunications industry is heavily regulated by the Ministry of Information Industry. The Ministry of Information Industry has broad discretion and authority to regulate all aspects of the telecommunications and information technology industry in China, including managing spectrum bandwidths, setting network equipment specifications and standards and drafting



laws and regulations related to the electronics and telecommunications industries. Additionally, the Ministry of Information Industry can unilaterally, or in concert with other relevant authorities, decide what types of equipment may be connected to the national telecommunications networks, the forms and types of services that may be offered to the public, the rates that are charged to subscribers for those services and the content of material available in China over the Internet. If the Ministry of Information Industry sets standards with which we are unable to comply or which render our products noncompetitive, our ability to sell products in China may be limited, resulting in substantial harm to our operations.

At the end of May 2000, we became aware of an internal notice, circulated within the Ministry of Information Industry, announcing a review of PHS-based telecommunications equipment for future installation into China's telecommunications infrastructure. The Ministry of Information Industry requested service providers to temporarily halt new deployments of PHS-based telecommunications equipment, including our PAS systems and handsets, pending conclusion of a review by the Ministry of Information Industry. Subsequently, at the end of June 2000, the Ministry of Information Industry issued a notice stating that it had concluded its review of PHS-based equipment and that the continued deployment of PHS-based systems, such as our PAS systems and handsets, in China's county-level cities, towns and villages would be permitted. In addition, the notice stated that deployments within large and medium-sized cities would only be allowed in very limited areas of dense population, such as campuses, commercial buildings and special development zones. The notice confirmed, however, that new citywide deployments of our PAS system in large and medium cities would not be permitted. Failure of the Ministry of Information Industry to permit the sale or deployment of our PAS systems and handsets, or the sale or deployment of our other products, or the imposition of additional limitations on their sale in the future could have a material adverse effect on our business and financial condition. The Ministry of Information Industry may conduct further reviews or evaluations of PHS-based telecommunications equipment or may change its position regarding PHS-based systems in the future.

**China's telecommunications regulatory framework is in the process of being developed, which has led to uncertainties regarding how to conduct our business in China.**

China does not yet have a national telecommunications law. However, to provide a uniform regulatory framework for the telecommunication industry, the Chinese government is currently preparing a draft of such a law (the Telecommunication Law). If and when the Telecommunication Law is adopted by the National People's Congress or its standing committee, it is expected to provide a new regulatory framework for telecommunications regulation in China. We do not yet know the final nature or scope of the regulation that would be created if the Telecommunications Law is passed. Accordingly, we cannot predict whether it will have a positive or negative effect on us or on some or all aspects of our business.

China's telecommunications regulatory framework is in the process of being developed. In September 2000, China's State Council issued the Telecommunications Regulations of the People's Republic of China, known as the Telecom Regulations. The Telecom Regulations cover telecommunications services and market regulations, pricing, interconnection and connection, as well as telecommunications construction and security issues. In May 2001, China's Ministry of Information Industry issued the Administrative Measures of Network Access Licenses to implement

the Telecom Regulations. Regulations in this area often require subjective interpretation and, given the relative infancy of the Telecom Regulations and the implementing regulations, we do not know how the regulations will be interpreted or enforced. As a result, our attempts to comply with these regulations may be deemed insufficient by the appropriate regulatory agencies, which could subject us to penalties that adversely affect our business.

**Our business may suffer as a result of the recent restructuring of China Telecom.**

In February 1999, China's State Council approved a restructuring plan for the China Telecom system, under which the telecommunications operations of the China Telecom system were separated along four business lines: fixed line, mobile, paging and satellite communications services. Following the announcement, we observed a reduction in orders from our main customers in China, the local telecommunications companies (the Telecommunications Companies), which we attributed to the uncertainties surrounding the restructuring and the ultimate impact the restructuring would have on the Telecommunications Companies.

Effective in May 2002, China Telecom was split into two entities by region, northern and southern. The 10 northern provinces, municipalities and autonomous regions of China Telecom were merged with China Netcom Co. Ltd. and China Jitong Network Communications Co. Ltd. to form a new company known as China Netcom (China Netcom). The remaining 21 provinces, municipalities and autonomous regions now constitute the southern entity, and have kept the name of China Telecom (the New China Telecom). China Netcom inherited 30% of the old China Telecom's national backbone network, with the rest going to the New China Telecom. As this change is very recent, we cannot be certain what impact the restructuring of China Telecom will have on our business operations. However, we may experience another decline in orders and related revenues similar to that which we experienced following the 1999 restructuring, resulting from uncertainty among our Telecommunications Company customers associated with the restructuring. Additionally, China Telecom completed its initial public offering in November 2002, and is now publicly listed on the New York Stock Exchange. Moreover, following any restructuring, China Netcom, the New China Telecom or any other entity that may replace it as a result of any subsequent restructuring may restrict or prohibit the sales of our products, which could cause substantial harm to our business.

**We do not have some of the licenses we are required to have to sell our network access products in China.**

Under China's current regulatory structure, the communications products that we offer in China must meet government and industry standards, and a network access license for the equipment must be obtained. Without the license, the equipment is not allowed to be connected to public telecommunications networks or sold in China. Moreover, we must ensure that the quality of the telecommunications equipment for which we have obtained a network access license is stable and reliable, and may not lower the quality or performance of other installed licensed products. China's State Council's product quality supervision department, in concert with China's Ministry of Information Industry, performs spot checks to track and supervise the quality of licensed telecommunications equipment and publishes the results of such spot checks.

The regulations implementing these requirements are not very detailed, have not been applied by a court and may be interpreted and enforced by regulatory authorities in a number of different ways. We have obtained the required network access licenses for our AN-2000B platform. We have also obtained a probationary network access license for our mSwitch product, and after the trial period, an official network access license will be issued if the trial demonstrates that mSwitch satisfies all the applicable government and industry standards. We have applied for, but have not yet received, a network access license for our PAS systems and handsets. Based upon conversations with China's Ministry of Information Industry, we understand that our PAS systems and handsets are considered to still be in the trial period and that sales of our PAS systems and handsets may continue to be made by us during this trial period, but a license will ultimately be required. Network access licenses will also be required for most additional products that we are selling or may sell in China, including our mSwitch platform. If we fail to obtain the required licenses, we could be prohibited from making further sales of the unlicensed products, including our PAS systems and handsets, in China, which would substantially harm our business, financial condition and results of operations. Our counsel in China has advised us that China's governmental authorities may interpret or apply the regulations with respect to which licenses are required and the ability to sell a product while a product is in the trial period in a manner that is inconsistent with the information received by our counsel in China, either of which could have a material adverse effect on our business, financial condition and results of operations.

**We are required to register the software incorporated in our products in accordance with relevant Chinese regulations.**

In October 2000, the Ministry of Information Industry issued regulations which prohibit the production and sale of software products, or products incorporating software, in China unless the software is registered with the government. We have accomplished the necessary registration with regards to the software incorporated in our AN-2000, PAS and mSwitch products. However, additional registration is required for software incorporated in additional products that we are selling or may sell in China. Based upon verbal advice received from the Ministry of Information Industry, we believe that we will be able to sell products incorporating our software while any of our applications for registration may be pending. However, the Chinese government may interpret or apply the regulations in such a way as to prohibit sales of products incorporating our unregistered software prior to registration. If the government prohibits sales pending registration, or if we fail in our efforts to register any software required to be registered, we could be prohibited from making further sales of products incorporating our unregistered software in China, which could substantially harm our business and financial condition.

**Most of our customers in China have historically been part of the China Telecom system and under China Telecom's ultimate control; following the recent restructuring of China Telecom, most of our customers in China are now part of the New China Telecom or China Netcom, and are subject to their ultimate control.**

Our main customers in China are the local Telecommunications Companies (formerly known as Telecommunications Bureaus) which historically operated under China Telecom, China's state-owned fixed line operator, and were subject to its ultimate control. Following the recent restructuring of China Telecom, the Telecommunications Companies now operate under the ultimate

control of either the New China Telecom or China Netcom. China Telecom completed its initial public offering in November 2002, and is listed on the New York Stock Exchange. Policy statements may be issued and decisions may be made by New China Telecom and China Netcom, which govern the equipment purchasing decisions of most of our customers in China. For example, in late 1999, China Telecom prohibited all Telecommunications Companies from purchasing PHS systems, such as our PAS systems, for implementation in large cities, even before these sales were prohibited by China's Ministry of Information Industry. As most of our sales are generated from our operations in China, any decisions by the New China Telecom or China Netcom restricting or prohibiting the sales or deployment of our products could cause significant harm to our business.

**Our customer base in China could effectively become increasingly concentrated if more purchasing decisions are coordinated or made by provincial or greater regional telecommunications service entities rather than by local telecommunications service providers.**

We have historically considered local telecommunications service providers serving municipalities and counties to be our primary customers in China. Recently, however, the provincial-level telecommunications service entity in the Zhejiang province of China has begun to consolidate telecommunications purchasing decisions for that province. As a result of this trend in the Zhejiang province, we have grouped all customers in Zhejiang province together and have treated these as one customer for the three months ended March 31, 2003 and the comparative periods presented. For the three months ended March 31, 2003, sales to Zhejiang province did not account for 10% or more of our consolidated net sales. For the three months ended March 31, 2002, sales to Zhejiang province accounted for 24% of our net sales. At March 31, 2003, we have approximately nineteen customers in Zhejiang province.

Whether this represents the beginning of a greater trend throughout China towards increased consolidation of negotiations and purchasing decisions into the control of provincial-level telecommunications service entities is unclear. If an increasing number of purchasing decisions and negotiations are controlled on a larger regional level in China by provincial-level telecommunications service entities, this would effectively result in a concentration of our customer base. Our financial results may increasingly depend in significant part upon the success of a few major customers and our ability to meet their future capital equipment needs. Although the composition of the group comprising our largest customers may vary from period to period, the loss of a significant customer or any reduction in orders by any significant customer, including reductions due to market, economic or competitive conditions in the telecommunications industry, may have a material adverse effect on our business, financial condition and results of operations. In addition to the business risks associated with dependence on major customers, significant customer concentration may also result in significant concentrations of accounts receivable. Significant and concentrated receivables would expose us to additional risks, including the risk of default by one or more customers representing a significant portion of our total receivables. If we are required to take additional accounts receivable reserves, our business, financial condition and results of operations would be materially adversely affected.

**Our ability to sell our PAS wireless systems and handsets could be significantly impaired if the New China Telecom or China Netcom are granted, or if they otherwise acquire, mobile licenses allowing the New China Telecom or China Netcom to deliver cellular services.**

The New China Telecom and China Netcom hold and operate the fixed line telephone and data communications assets in China, and currently do not have the licenses necessary to offer cellular services. To offer wireless services to end users, the Telecommunications Companies must offer services that can be delivered over wireline networks, such as those delivered over our PAS wireless systems and handsets. China's media sources have widely reported that after the restructuring of China Telecom, China's Ministry of Information Industry may grant mobile licenses to New China Telecom or China Netcom, or to both. If China's Ministry of Information Industry does grant a mobile license to New China Telecom or China Netcom, or to both, or if such entities otherwise acquire mobile licenses, local Telecommunications Companies will be free to offer cellular services such as GSM or CDMA to their customers, and they may therefore elect not to deploy our PAS systems and handsets. If this were to occur, we could lose current and potential customers for our PAS systems and handsets, and our financial condition and results of operations could be materially adversely affected.

**Changes in telecommunications rates or pricing policies may result in decreased demand for our products.**

In November 2000, China's Ministry of Information Industry announced significant changes in rates for telecommunications services in China. While long distance, international, leased line and Internet connection fees were cut by up to 70%, the rates for local telephone services, which include certain types of wireless access services such as those offered over our PAS systems and handsets, were increased, from approximately \$0.01 per minute to approximately \$0.02 per minute. The increase in rates may result in a reduced demand by end users for wireless services delivered over our PAS system and a corresponding decline in demand for our products. In addition, mobile operators are offering price incentive plans that could impact demand for our products. Additionally, China's Ministry of Information Industry may implement future rate changes for wireline or wireless services in China or change telecommunications pricing policies, including allowing carriers to set prices based on market conditions, any of which may lead to reduced demand for our systems and products and result in a material adverse effect on our business or results of operations.

**Promotional or incentive programs offered by mobile operators such as China Mobile and China Unicom may adversely impact the competitiveness and pricing of our PAS Systems and related products.**

The official tariffs and per-minute usage rates charged to mobile users in China are generally set by the Ministry of Information Industry and the National Development and Reform Commission, and are usually adhered to by mobile operators. However, from time to time, certain mobile operators such as China Mobile and China Unicom have offered special promotional pricing or incentives to customers, such as free incoming calls or free mobile-to-mobile calls. The continued use of such incentive programs by mobile operators may adversely impact the competitiveness and pricing of our PAS Systems and related products and their rollout by New China Telecom and China Netcom. Such incentive programs may continue or be expanded in the future. We cannot be certain as to what impact such incentive programs may have on our financial condition. However, it is possible that the continuation or expansion of such programs may have a material adverse effect on our business or results of operations.

**Risks Relating to Conducting Operations in China**

**Sales in China have accounted for most of our sales, and therefore, our business, financial condition and results of operations are to a significant degree subject to economic, political and social events in China.**

Approximately \$268.9 million, or 81.4% and \$167.2 million or 91.0%, of our net sales in the three months ending March 31, 2003 and 2002, respectively occurred in China. Additionally, a substantial portion of our fixed assets are located in China. Of our total fixed assets, approximately 96.8% and 87.8%, as of March 31, 2003 and December 31, 2002, respectively, were in China. We expect to make further investments in China in the future. Therefore, our business, financial condition and results of operations are to a significant degree subject to economic, political, social and other events in China.

**Devaluation in the value of the Renminbi and fluctuations in exchange rates could adversely affect our financial results.**

Exchange rate fluctuations could have a substantial negative impact on our financial condition and results of operations. We purchase substantially all of our materials in the United States and Japan and a significant portion of our cost of goods sold is incurred in U.S. dollars and Japanese yen. A significant portion of our operating expenses is incurred in U.S. dollars. At the same time, most of our sales are denominated in Renminbi. The value of the Renminbi is fixed by China's national government and is subject to changes in China's governmental policies and to international economic and political developments. China may choose to devalue the Renminbi against the U.S. dollar. Additionally, China's government has considered from time to time whether to partially or fully abandon the official exchange rate for Renminbi to the U.S. dollar. The abandonment of this official exchange rate policy may lead to sharp depreciation of the Renminbi against the U.S. dollar and other foreign currencies and to significantly more volatility in the Renminbi exchange rate in the future, both of which would adversely affect our financial results and make our future results more subject to fluctuation.

In the past, financial markets in many Asian countries have experienced severe volatility and, as a result, some Asian currencies have experienced significant devaluation from time to time. The devaluation of some Asian currencies may have the effect of rendering exports from China more expensive and less competitive and therefore place pressure on China's government to devalue the Renminbi. Any devaluation of the Renminbi could result in an increase in volatility of Asian currency and capital markets. Future volatility of Asian financial markets could have an adverse impact on our ability to expand our product sales into Asian markets outside of China. Moreover, due to the limitations on the convertibility of Renminbi, we are limited in our ability to engage in currency hedging activities in China and do not currently engage in currency hedging activities with respect to international sales outside of China.

**Currency restrictions in China may limit the ability of our subsidiaries and joint ventures in China to obtain and remit foreign currency necessary for the purchase of imported components and may limit our ability to obtain and remit foreign currency in exchange for Renminbi earnings.**

China's government imposes controls on the convertibility of Renminbi into foreign currencies and, in certain cases, the remittance of currency out of China. Under the current foreign exchange control system, sufficient foreign currency may not be available to satisfy our currency needs. Shortages in the availability of foreign currency may restrict the ability of our Chinese subsidiaries to obtain and remit sufficient foreign currency to pay dividends to us, or otherwise satisfy their foreign currency denominated obligations, such as payments to us for components which we export to them and for technology licensing fees. We may also experience difficulties in completing the administrative procedures necessary to obtain and remit needed foreign currency. Our business could be substantially harmed if we are unable to convert and remit our sales received in Renminbi into U.S. dollars. Under existing foreign exchange laws, Renminbi held by our China subsidiaries can be converted into foreign currencies and remitted out of China to pay current account items such as payments to suppliers for imports, labor services, payment of interest on foreign exchange loans and distributions of dividends so long as the subsidiaries have adequate amounts of Renminbi to purchase the foreign currency. Expenses of a capital nature such as the repayment of bank loans denominated in foreign currencies, however, require approval from appropriate governmental authorities before Renminbi can be used to purchase foreign currency and then remitted out of China. This system could be changed at any time by executive decision of China's State Council to impose limits on current account convertibility of the Renminbi or other similar restrictions. Moreover, even though the Renminbi is intended to be freely convertible under the current account, the State Administration of Foreign Exchange