from Teletraining, an organization serving the training needs of Microtel and GTE, when LS began to market its training programs worldwide in 1984. International clients include ARAMCO Saudi Arabia, Indonesia Perumtel, Kenya Postal Telecommunication, British Telecom and GTE International (Latin America, Far East, Australia, Hong Kong, Puerto Rico and Manila).

Microtronix Systems Ltd.

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KEY PERSONNEL:
Eric E. Auzins, President
Karen B. Auzins, Marketing Manager

Microtronix Systems Ltd., established in 1970, designs and manufactures telephone testing equipment, specializing in acoustical testing to international standards, and dial and ringer testing. Its Telephone Test Set fully integrates all important tests in one system, and displays various loudness ratings, fully measures DTMF and rotary diallers, measures the fundamental frequencies and amplitudes of an electronic ringer and provides automation control features that eliminate operator intervention. The modular design allows custom expansion to accommodate special interfaces.

In spring 1987, the company acquired Cableshare Inc.'s Communications Division, whose product line consists of X.25 packet assembler/disassemblers (PADs), a data concentrator and a front-end processor. The company plans to upgrade and enhance this line, including development of a digital interface compatible with ISDN transmission standards.

Miller Communications

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Larry O'Brien, President
Brian Mazur, Director, Business Development

The Miller Communications Division of Calian Technology Ltd. specializes in the development of advanced communications systems for the aerospace and defence communities. The division offers a broad spectrum of capabilities, ranging from communications consulting, analysis and computer simulation, through to the development of high-sophistication hardware and software systems.

Miller Communications' major export product is the Automated Satellite Carrier Monitoring System (ASCMS) that monitors the RF parameters of satellite downlinks and alerts the system operator to anomalous conditions. Users of this system include Telesat Canada, CANAC/Microtel (for the Canada/U.S. NORAD North Warning System), GE/RCA Americom, American Satellite Company, Western Union, and satellite operating agencies in Mexico, Israel and the People's Republic of China.

The company also manufactures a Mobile Communications Channel Simulator that implements a realistic model of a fading channel such as a satellite-to-mobile link. Users of this system include INMARSAT and Communications Canada. Miller Communications has also supplied mobile communications simulation software to both of these clients.

Miller Communications manufactures a variety of other spectrum-surveillance products and computer-controlled instruments, currently in service with the Canadian government, and air-to-ground telemetry equipment and related airborne data acquisition systems, currently used for reconnaissance missions by the Canadian government. Extensive consulting has also been supplied to the Canadian government, and to international agencies such as INTELSAT, INMARSAT and ESA.

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Myer Bentob, President
Manuel Monzon, Sales Manager

Mitec Electronics Ltd. has been involved in the manufacture and supply of quality microwave component technology to the telecommunications and defence industries since 1972.

Mitec specializes in the design and manufacture of microwave components and subsystems for telecommunications, satellite communications and military applications to MIL-I-45208A, AQAP-4 and EIA standards with frequency range and test capabilities of 1 to 60 GHz. Mitec's microwave subsystems and networks are for the following applications: uplink and downlink assemblies for satellite earth stations, Tx and Rx multiplexing for communications equipment, and transmit and receive front-end for radar equipment.

In addition, Mitec designs and manufactures all the components that make up both the microwave networks and subsystems. These are diplexers, antenna transmission systems, filters, couplers, attenuators, terminations, adaptors, ferrite components and flexible waveguides. Production also includes a unique thin film/soft substrate with the capability to produce very fine (one mil) lines and gaps with close tolerances (2 microns) and metallized composites and dielectric substrate materials for antennas, radome, and planar circuit applications.

Mitec has manufacturing facilities in Canada and the United States, maintains regional sales offices and warehouses in North America and England, and has fully trained microwave representatives around the world.