

Canswitch Limited

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KEY PERSONNEL:
John P. Blais, Principal
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Canswitch Limited has expertise in store-and-forward message switches, providing both customized turnkey systems as well as consulting services in the field.

Canswitch manufactures the CS4000 Message Switching System, suitable for both commercial applications and government uses such as AFTN (Aeronautical Fixed Telecommunication Network). The CS4000 is a versatile system optimized for small- and medium-scale installations. It can switch messages among as many as 100 communications lines and interface to a wide variety of communications networks and services. It can handle traditional low-speed circuits such as telex as well as being useful for advanced high speed applications such as CIDIN (Common ICAO Data Interchange Network). Canswitch will customize CS4000 systems to meet a customer's exact hardware and software requirements.

CEGIR

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KEY PERSONNEL:
Marcel Desjardins, President
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CEGIR specializes in the transfer of technology through consultation, technical assistance, project management and training. From its offices in Canada; Abidjan, Ivory Coast; Dakar, Senegal; Geneva, Switzerland; Manila, Philippines; and the United States the firm manages projects and provides expertise to clients in 25 countries.

CEGIR's expertise focuses on five major sectors: data processing, office automation and ergonomics; education and vocational training; technical assistance and industrial development; water resources and rural development; and communications. The company's goal is to help its clients become fully autonomous through local executives and professionals, who will in turn take over the future development of the projects.

Established in 1970, CEGIR's education and vocational training services include the planning and organization of training programs, educational technology, technical and vocational training and school construction and project management.

Other recent communications projects include the establishment of management services for the West African section of Panaftel (Pan-African Telecommunications Network), which included the recommendation of tariff structures for telephone services; a technical assistance study undertaken for l'Office National des Télécommunications (ONATEL) in the Republic of Burundi; design of a tarification structure of telecommunications services for the Ministry of Post and Telecommunications for the Republic of Rwanda; and the development and implementation of general and analytical accounting systems, budget planning and management control systems for the Department of Post and Telecommunications of Senegal.

Central Dynamics Division of International Datacasting Corp.

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KEY PERSONNEL:
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Central Dynamics is a manufacturer of television and video production equipment used by broadcasters, common carriers, and other industrial and

commercial users of professional video, switching, distribution and processing equipment. The product line encompasses video production, video and audio routing, and master control switchers; distribution amplifiers; keying equipment; and digital coders and decoders. The company has operated as a division of International Datacasting Corp. since its merger with that firm in early 1988.

COM DEV Ltd.

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COM DEV is best known for its major achievements in microwave multiplexing and switching subsystems that are currently deployed on most communications satellites. Over 100 spacecraft, either in orbit or in pre-launch phase, incorporate COM DEV equipment. Remote sensing and space science satellites use COM DEV's highly specialized equipment and instruments. Satellite earth terminals use COM DEV's high power output components and subsystems.

COM DEV's Surface Acoustic Wave (SAW) components and subsystems, together with COM DEV's Signal Processing capability, are contributing to concepts that will significantly advance the next generation of communication satellites. COM DEV's pulse compression subsystems provide leading-edge performance to military and civil radars.

The company's products are based on in-house technology which includes quartz, alumina and teflon substrate processing, ferrite and dielectric materials, microwave integrated circuit fabrication and GaAs semi-conductor processing. These technologies ensure security of supply and control of key parameters.