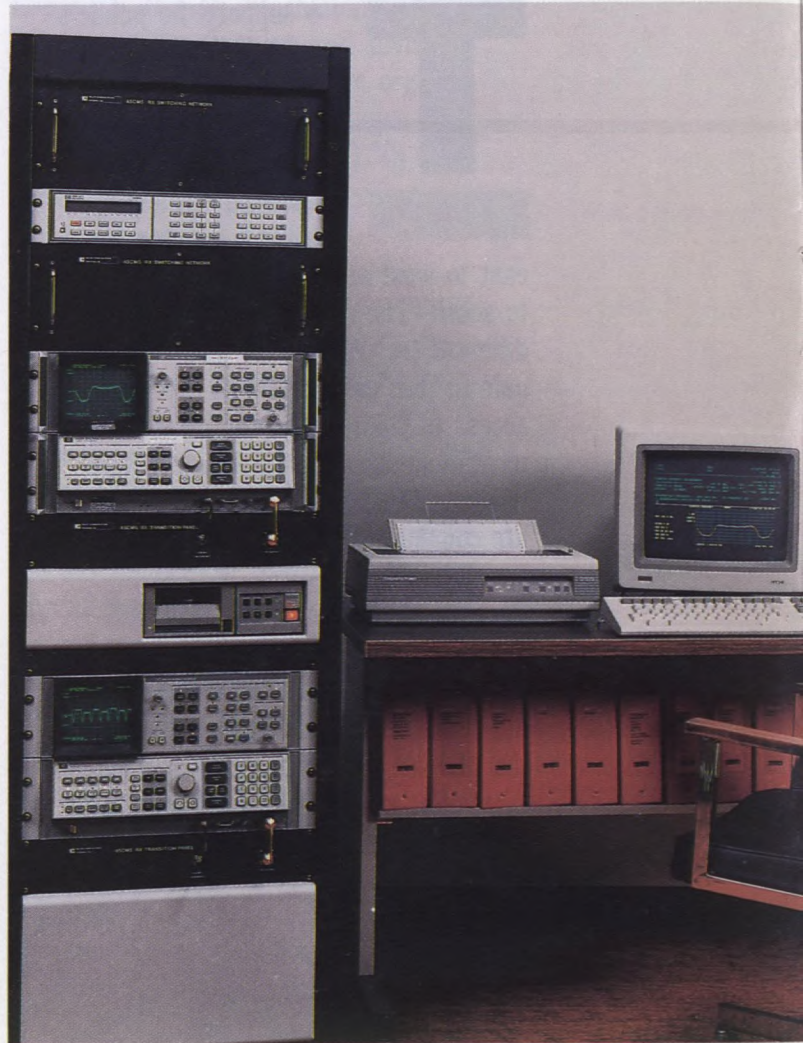


Voice Communications

With a penetration of 80 telephones per 100 people, Canada is ranked among the world's leaders in telephone service. Virtually all Canadians have access to the telephone network, including those in remote areas, where service is via satellite. Now that this high penetration has been achieved, the emphasis is on conversion of the entire network to digital technology, integration of voice and data circuits and enhanced subscriber services, including ISDN.

Most telephone service in Canada is provided by Telecom Canada, an association formed by 10 major telephone companies to provide integrated telephone service across the country. Local service is provided by Telecom members plus many smaller non-member companies. Long distance service is handled by the Telecom companies, with long distance circuits provided by Telesat, a Telecom Canada member that owns and operates Canada's domestic satellites.

Overseas telephone service has been assigned to one carrier, Teleglobe Canada. An INTELSAT signatory, Teleglobe Canada is a publicly owned company that operates satellite gateways in both eastern and western Canada. In addition, Teleglobe is a member of a number of consortiums that own and operate submarine communications cables, including cables from Europe and Asia that terminate in Canada.



MILLER COMMUNICATIONS SYSTEMS LTD.

■ Automated satellite carrier monitoring system