



This is
Telidon

Communications

CCG TransCanada
Telephone System

CCG, The TransCanada Telephone System INTRODUCTION

CCG, The Computer Communications Group, was established in 1972 as the competitive data communications arm of the TransCanada Telephone System, in recognition of the growing need in business for reliable, cost-efficient and effective data communications. CCG's mandate is to serve its customers, and provide the best information transfer services at the lowest possible cost, coast-to-coast in Canada, with access to the rest of the world.

In the past decade, CCG has been heavily involved in the development and finalization of international networks standards, such as the CCITT X.25 protocol for packet switched networks and more recently, the Teletex standards for communicating word processors and electronic typewriters.

The great need for communications in the Telidon videotex environment has led to CCG's involvement in that area as well with the recent announcement in 1981 of the iNet Gateway trial — a multi-service concept which will allow universal access to information service providers.

PRODUCTS AND SERVICES

CCG designs and support data communications systems, by engineering, installing, routing network traffic and managing customer networks to fulfill customers' data communications needs.

CCG's major network services are **Dataroute** and **Datapac**.

The **Dataroute**, a nationwide, public digital data transmission service introduced in 1973, currently connects 77 Canadian cities. The recently-announced **Dataroute International** now links **Dataroute** service with the **DATAPHONE®** Digital Service offered by AT&T Long Lines, a unit of the American Telephone and Telegraph company in the United States.

Datapac, introduced in 1976, was the world's first commercially-available digital packet switched network. Entry into the **Datapac** network is provided by seven access services, divided into two categories: those which provide access for packet-mode terminals using the X.25 protocol, and **Datapac** services for non-X.25 terminals.

Datapac also has international capability, through **Datapac International**. This service allows access to the Telenet, TYMNET and DASNET networks in the U.S., and through Teleglobe Canada, to networks in more than 20 foreign countries, including West Germany, France, Switzerland, Italy and the United Kingdom. In addition, incoming service is available from more than 25 other foreign countries.

CCG is also involved in and experimenting with many innovative services and technologies such as electronic mail through its Envoy 100 messaging service, satellite communications through its Integrated Satellite Business Network, fibre optics data transmission, **Teletex** service and **iNet**.

iNet - The **iNet Gateway™** is an intelligent network concept developed by CCG in recognition of the need for more universal accessibility to information providers and computer-based services.

It is designed to offer a single point of access to satisfy all business information needs, from virtually any location in Canada.

A wide range of features, such as an electronic directory of available services, automatic access to connected hosts, individual user profiles recognized by the network, and consolidated billing create a user-oriented information environment.

Standard alpha-numeric or Telidon videotex terminals can gain access via **Datapac**, **DDD** or dedicated circuit service. **Datapac** access also allows users to link with the U.S. and other countries having international packet switched networks.

The **iNet Gateway** is designed to simplify the process of gathering, using and communicating information for managers, executives, salespeople, or anyone else requiring simple but effective access to information.