



## Hardware list

The fully loaded 34-type *HORIZON* cabinet pictured above consists of:

- 154B Cover
- 223A Power Supply
- Basic and Optional Supplementary Carriers
- Basic and Optional Supplementary Connecting Units
- Basic Control Circuit Packs
- Memory, Station, and Line Circuit Packs
- Tie Line and Toll Restriction Circuit Packs

Additional equipment includes:

- Multibutton Electronic Telephone (MET) and 2500-Type Telephone Sets
- Central Answering Positions and Selector Consoles

The task-oriented practice (*TOP; BSP Section 518-451-100*) is furnished with each cabinet. See *BSP Section 518-451-105* for ordering information and a detailed system description.



# horizon

Communications  
System

A modern concept

## A modern concept

The customer will recognize the *HORIZON*<sup>®</sup> Communications System as a modern concept. It uses stored-program, microprocessor control to provide all the functions of key systems, combined with the custom-calling features of larger PBXs. These features range from tones that distinguish inside and outside calls to 5-party conferencing without attendant assistance. And a customer access unit (CAU) allows the customer to change station features. This versatile communications system handles 79 stations, with up to 59 multi-button electronic telephone (MET) sets plus 2500-type sets. The system also connects 32 loop-start lines (CO, PBX, FX, CCSA, WATS, and tie lines) and two central answering positions. Optional selector consoles furnish direct station selection (DSS), message waiting (MW), and station busy (SB) indications.

But **you** will also find that the *HORIZON* system is a modern concept, with its compact modular hardware, automated diagnostic aids, and many other features designed to simplify installation and maintenance.

## Simplified Installation and maintenance

- A compact, floor-supported cabinet on casters houses units that are connectorized for easy replacement.
- Modular LC-type circuit boards have test points and LED fault indicators.
- "Thin" (4-pair) cable is used for station and console installations.
- Automatic maintenance software routines provide fault detection, error recovery, restart capability, and transient error counters.
- A small, portable service access unit (SAU) eliminates the need for rewiring by changing features and station numbers in software, simplifies maintenance by interrogating an error file, and reads backup translation information into the system from a minicassette.
- System tests can be made from any station.
- If required, connecting units can be externally mounted.

## A wide range of features

Attendant Capability	Outward Restriction
Automatic Intercom	Personal Line Access
Call Coverage	Pooled Facilities
CO/ICM 5-Party Conferencing	Power Failure Transfer
Dial Dictation Access	Prime Line Preference
Distinctive-Tone Ringing	Ring Line Preference
DSS/MW/SB Indications	Station Call Transfer
Music-On-Hold	Toll Restriction

This is only a selected list. The *HORIZON* system offers more than fifty features, most of which are built into the system software. For more feature information, see *BSP Section 518-451-105*.