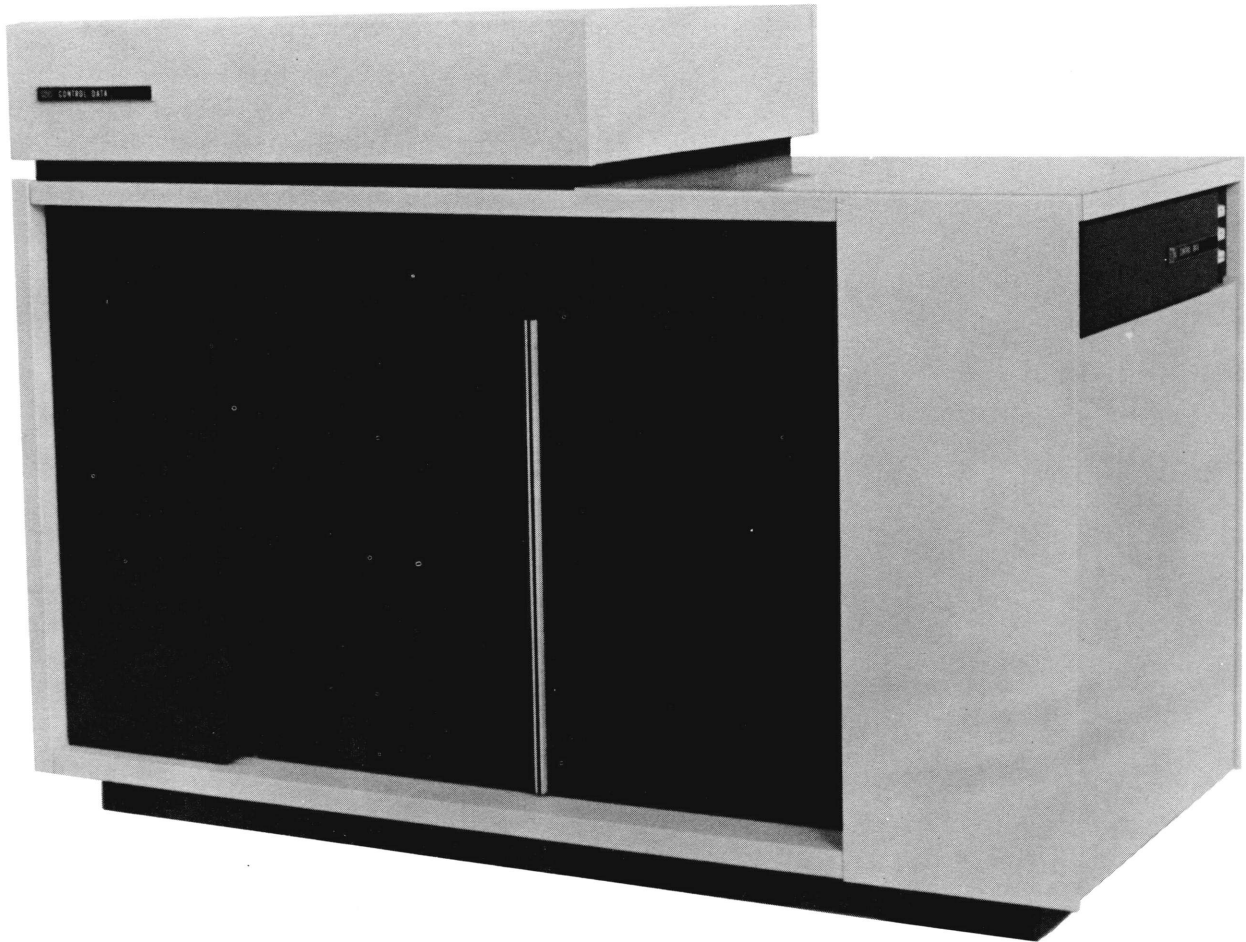


CONTROL DATA® 7077-1 COMMUNICATIONS STATION

CONTROL DATA
CORPORATION



The CDC® 7077-1 Communications Station is used in conjunction with the CDC 791-1 Communications Subsystem Controller to increase the variety and volume of communications traffic to and from a CDC CYBER 70™ Series or a 6000 Series Computer System. The interface between the CDC CYBER 70 or 6000 computer is via a dedicated I/O channel and one dedicated PPU.

This unit will service up to three 791-1's, giving it the capability of handling up to 144 communication channels, depending on speed and type of communication line. It will handle data transmission rates of from 75 to 50,000 bps in half- or full-duplex mode.

To facilitate high input/output buffer speeds, the 7077-1 has 8,192 16-bit words of core memory with a 1.1 microsecond cycle time. This memory can be expanded up to a maximum of 32,768 words, in increments of 8,192 words, by adding CDC 10262 memory modules.

ASSOCIATED EQUIPMENT:

- Control Data CYBER 70 Series Systems
- Control Data 6000 Series Systems

- Control Data 791-1 Communications Subsystem Controller
- Control Data 10262-1, -2, -3 Memory Module

SPECIAL FEATURES:

- Buffer storage: Up to 32,768 16-bit words of high-speed storage between the 791-1 and the 6000 or CYBER 70 peripheral processing unit (PPU).
- Expansion Capability: Provides for the connection of from one to three 791-1 Communications Subsystem Controllers.

PHYSICAL CHARACTERISTICS:

Height 61.5"
Width 96"
Depth 26"
Weight 1200 lbs.

POWER REQUIREMENTS:

120/208 400 Hz 3-phase 10.7 amps per phase
120/1 60 Hz single phase 15.5 amps

