



4700

Finance Communication  
System

## IBM 4700 Product Description

The IBM 4700 Finance Communication System is planned to co-exist with and complement the 3600 Banking Communication System. 4700 and 3600 controllers may be installed on the same host system communication link. Displays and printers of both systems can be installed on a common loop driven by either a 3600 or a 4700 controller.

### System Features

- Efficient use of storage enhances performance.
- New system monitor capability.
- Instruction set includes zoned decimal arithmetic and timer.
- Diskette management includes enhanced utilities, larger sectors and a log capability.
- Compact modular tabletop design provides workstation layout flexibility.
- Host communication via SDLC/SNA at up to 9600 bps.
- Memory extension feature extends addressing to 512K and removes 64K boundary restrictions.

### System Maintainability

The system features extensive in-built ROS diagnostic capability on both controllers and I/O terminals.

- FRU identification and CE guidance by display indicators and lights.
- Controller diagnostic diskette features adapter and logic tests.
- The system monitor provides exercises for system check-out and PD.

### CE Career Path

System service will be provided by Data Entry (DE) career path CE using a category II support structure.

### Maintenance Options

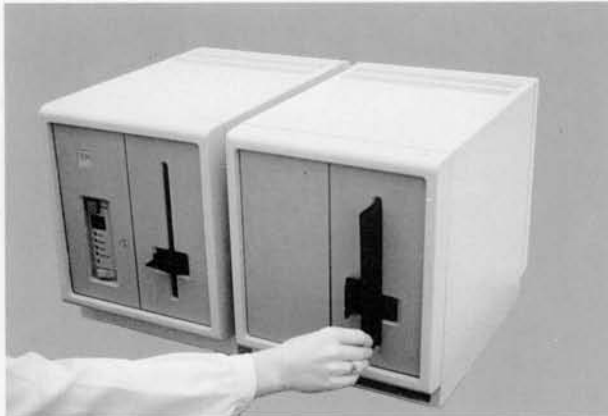
The primary maintenance offering will be Business As Usual (BAU) on-site service. The customer will be offered an alternative off-site Deferred Central Facility Maintenance (DCFM) option.

### Customer Responsibility

The 4700 system is planned for simple set up by the customer (CSU).

### Manufacturing Locations

Charlotte — USA  
Greenock — UK  
Fujisawa — Japan



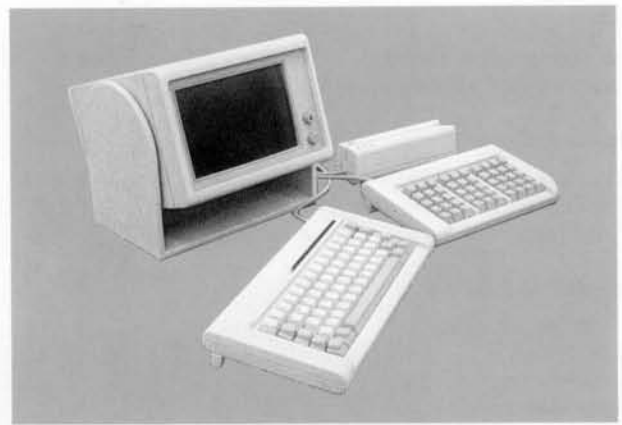
#### Controller

##### MODEL 1

- Up to 4 loops for terminal attachment.
- 512K bytes max machine storage.
- Up to two 0.5M byte double side diskette drives.
- 4800 bps BSC option.
- X21 network interface adapter. (AFE/EMEA)
- 8100 / 4300 loop interface adapter. (AFE/EMEA)
- Cluster adapter for 3278/3262/3287 display/printers.
- 4 character alpha/numeric LED display for operator/CE guidance.

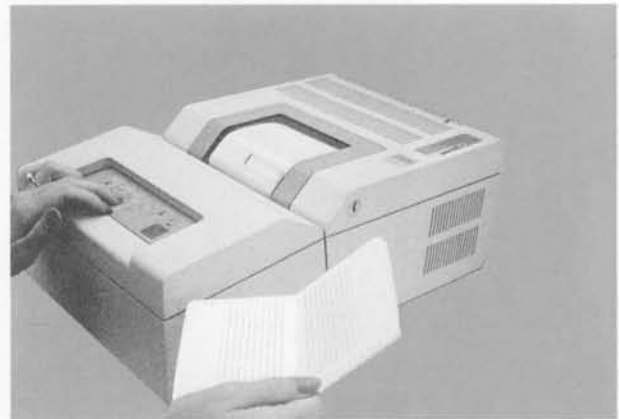
##### MODEL 5

- Single terminal attachment loop.
- 192K bytes machine storage.
- 0.25M byte single sided diskette drive.
- X21 network interface adapter.
- 4 character alpha/numeric LED display for operator/CE guidance.



#### Display Terminal

- 480 or 480/1920 character display.
- Display character size under program control.
- Normal or reverse video.
- Three keyboard size options.
- Tilt capability for keyboard and display.
- Magnetic stripe reader attachment.
- Pin key pad attachment.
- Anti-glare tinted filters.
- Separate operator message line on display.
- Basic Assurance Test (BAT).
- Extended testing capability.



#### Receipt/Validation Printer

- 96 character set wire matrix printer.
- 1 to 4 lines of print.
- Up to 120 cps print speed.
- 1 or 2 part journal printing.
- Terminal status indication provided by 6 indicator lights.
- Automatic power on reset tests.
- Print unit exerciser.

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