The IBM Programmable buffered Terminal is a stand alone terminal consisting of a control unit and a cable connected Keyboard/Printer. The Control Unit contains a disk storage that provides user plus IBM supplied Terminal Control Program, and the Binary-Synchronous Communications Adapter. The IBM 3735 provides a means of simultaneous document creation and data capture. Basic design emphasis is on applications using pre-defined forms with variable information supplied by an operator. Examples are Insurance Policies, Invoices, Financial Reports and Form Letters.

During Document Preparation the IBM 3735 provides:
- Error Detection Facilities.
- Pre-Edit: The ability to detect certain classes of operator keying/procedure errors prior to printing the document.
- The ability to re-create all or part of the document via "Power Typing".
- Controlled Positioning of the Document/Print Mechanism via predetermined form identification.
- Arithmetic functions.

**SERVICE FEATURES**

- Customer Engineering Diagnostic Flow Flowcharts
- Card Substitution
- Bring Up Diagnostics: These run automatically when the IBM 3735 is turned on or when a Hardware Error is detected.
- Keyboard/Printer Diagnostic
- IBM 5496 Diagnostic
- B-Sync Diagnostic
- Spare Control Program Track and Timing Track
- TTL Probe
- CE Lamp Card
- Disk Surface Analysis

This is a Customer Engineering Career Path "Data Recording" Product.

**FEATURES**

**Control Unit**

*Basic*
- Disk Storage containing data and form
- Description Programs (FDP) and the Control Program Store
- EBCDIC Transmittal Code
- BSC Data Link Control
- LRC/VRC on Internal Transfers
- LRC on Disk Data
- FDP Control

*Specify*
- EBCDIC/ASCII Transmittal Code
- Transmission Speeds: 600, 1200, 2000, 2400 BPS
- Data Set Attachment

*Special*
- Additional Data/FDP Store
- Synchronous Clock
- Multipoint on Leased Lines
- Security Lock
- IBM 5496 Data Recorder Adapter

**Keyboard/Printer**

*Basic*
- Keyboard Lock
- 2741 Correspondence Code
- Backspace
- Acoustic Slot Filter
- Status and Error Indicators
- Ten Digit Numeric Pad

*Specify*
- World Trade Keyboard Nomenclature
- Print Element

*Special*
- Pin Feed Platen
- Forms Stand