FEP-4600 Communications Controller

The FEP-4600 is a powerful, cost-effective replacement solution capable of replacing many of the traditional 3745/46 FEP features. A major benefit of the FEP-4600 is the elimination of costly NCP/SSP or EP software licenses, yet uniquely supports cross-domain (PU4/SNI) communications as well as providing SNA, BiSync, and IP Communications to the mainframe.

Key Features

- **Functional 3745/46 Replacement**
- **Support for multiple high-speed lines**
- **No Software Licenses:**
  - No NCP
  - No SSP
  - No EP
- **Transparent to:**
  - Local Host
  - Application Users
  - Remote 37xx's
- **Legacy Protocols:**
  - SNA/SDLC (PU2/PU4/SNI)
  - BiSync 3270/RJE
  - Token Ring (NTRI) LLC
  - Ethernet LLC
- **ESCON support**
- **Web-based configuration**
- **System:**
  - Real time system management and monitoring
  - Redundant hot swappable power supplies
  - Hot swappable fans/drives

PU4 SNI Support

The Visara FEP-4600 is unique in that it provides full PU4 SNI Cross-Domain computing without any need for expensive NCP software suites. SNI is still a major requirement for many companies. The SNI capabilities of the FEP-4600 allow the MIS department to move to a state-of-the-art hardware and software platform that offers an ROI of just 12 to 18 months on average. Now MIS departments can lose the ongoing drag on resources of NCP costs and plan for the future knowing that while needed, SNI is still available.

Robust host connectivity

The FEP-4600 connects to any IBM Mainframe processor or compatible processor via one or more ESCON channels, either directly to a CHPID or through a director.

Extensive I/O connectivity

The FEP-4600 can be configured to support a variety of I/O intensive topographies using a combination of available interface adapters.

The base configuration includes two 10/100/1000 Ethernet interfaces supporting Link Layer Control (LLC) in addition to a sophisticated communications protocol which allows multiple FEP-4600s to communicate with each other. Quad-Serial Adapters (QSA) provide four high-speed communication lines that conform to the RS-232, V.35, and X.21 specifications. Additional QSA cards can be added to provide additional communication lines. The optional Token Ring adapter supports LLC and includes automatic ring speed detection and connectors for STP or UTP cable types. An optional Quad BiSync Adapter (QBA) provides both 3270 Point-to-Point and Multi-Port polled BiSync protocols for legacy device connections.

Simple/Flexible configuration and monitoring

The FEP-4600 is configured and monitored using any standard browser. Individual communication lines can be configured, controlled and monitored online without the need to IML the system. The ESCON channel interfaces, Ethernet interfaces, and Token ring interface are also fully configurable from the browser.

The FEP-4600 is based on state-of-the-art architecture and technology, with redundant hot swappable power supplies, fans, and drives. Two SATA drives operate in a RAID 1 mirroring configuration; full system back-ups are supported by the included CD-RW drive.

The FEP-4600 comes complete with all operating software, a full one-year warranty, and a variety of available maintenance programs to assure reliable long term service.

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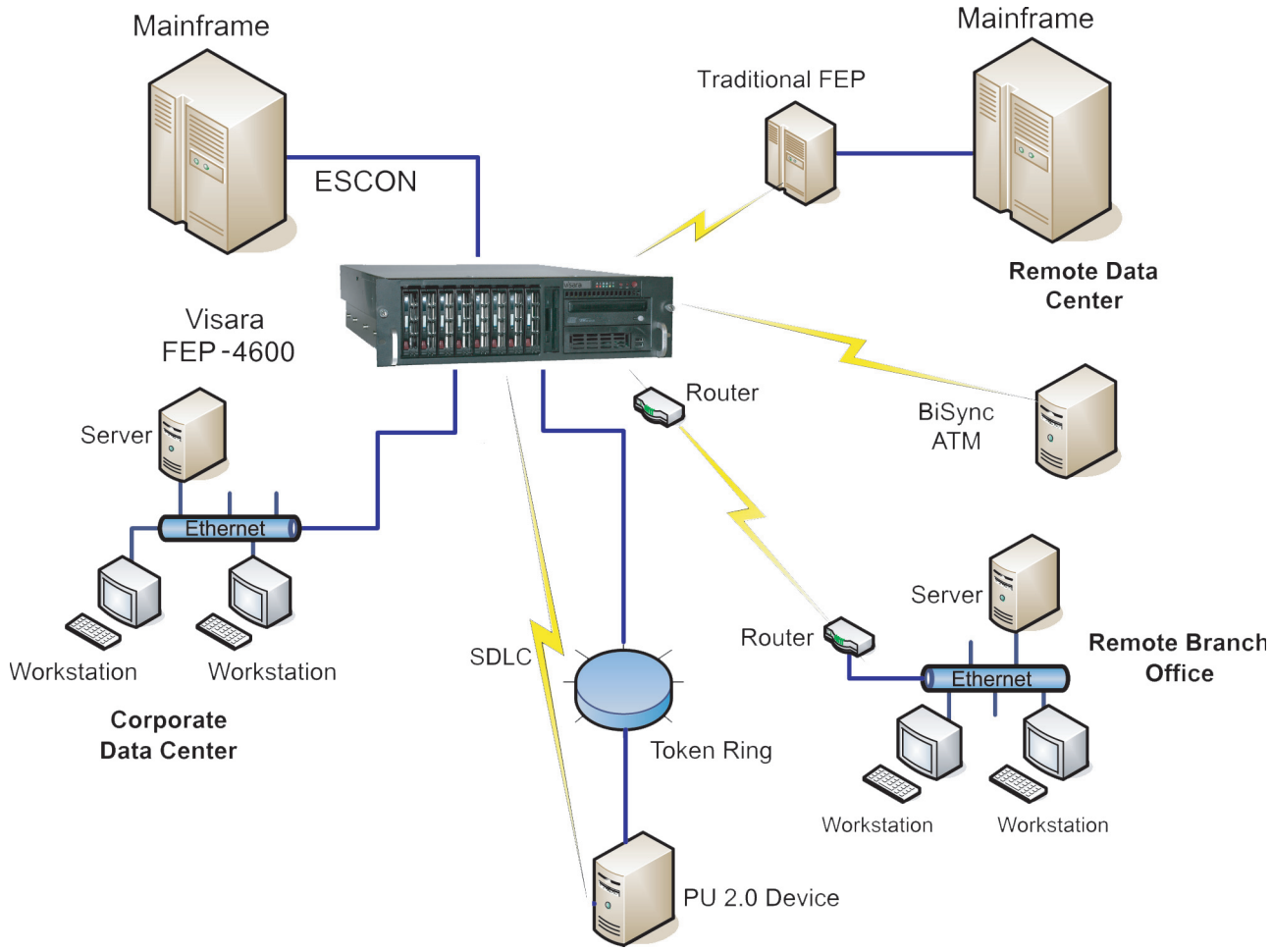

INTERFACE OPTIONS

To allow for maximum flexibility for a variety of environments, the FEP-4600 utilizes a "Boss" protocol, enabling multiple units to be tied together but still look to the system as a single system. Each platform in the system will allow 5 communication cards to be placed in each unit.

HOST SOFTWARE REQUIREMENTS

Operating System	z/OS, OS/390, VSE/ESA, MVS, VM

PHYSICAL SPECIFICATIONS

Base Chassis	19" Rack mount ATX
Processor	3.0+ GHz Intel Xeon w/EM64T & 1 MB Integrated Cache
Power Supply	Redundant hot swappable
System Cooling	Hot swappable fans
Mounting	19" rack or table top
AC Power	115/220V 50/60Hz

WARRANTY

Limited Standard	1 Year On-Site 9/5 (U.S.A)