

# PRODUCT NEWS BULLETIN

**PNB No. 35**

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## **Fault Server v1.0**

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### **1. Introduction**

The purpose of this bulletin is to provide information regarding features, positioning, and pricing of the Fault Server v1.0.

### **2. Product Positioning**

The Fault Server is positioned as a mid-level manager application. It acts as both manager and intelligent agent. It provides fault management processing of alarm and trap information between Cascade switches and user applications. These include Fault Server Clients, other management platforms and applications (such as help desks, trouble-ticketing systems, etc.). Multiple Fault Servers may reside in the network, each responsible for one or more switches. In addition to an open interface to management platforms/applications, the Fault Server provides client software for: presenting the Fault Server alarm/event/trap logs, providing user log-in security, configuring/managing the Fault Server, and integrating with CascadeView.

The Fault Server can be used with or without HP OpenView. With HP OpenView, the Fault Server enhances the fault management capabilities of HP OpenView by passing correlated, intelligent alarm information to HP OpenView. Users can employ the HP OpenView Event Browser to integrate fault information from their entire network, including Cascade and other

vendors' devices. Without HP OpenView, the Fault Server Client can be accessed from popular web browsers (on PC and UNIX computing platforms) to provide users with a distributed fault management solution.

### **3. Product Description**

Service providers that want to deploy a CNM service use the Cascade Fault Server in conjunction with a CNM Gateway (that they or a third-party software vendor provides) to provide customers with “read-only” access to Frame Relay network management information. The Fault Server v1.0 allows customers to retrieve configuration information (from the CNM database) and status/performance information (directly from Cascade switches) via SNMP as well as receive SNMP traps for fault management purposes.

Fault Server v1.0 supports Frame Relay and a subset of the following standards:

- FRF.6 - Frame Relay Service Customer Network Management Implementation Agreement
- RFC 1604 - Definitions of Managed Objects for Frame Relay
- RFC 1213 - Management Information Base for Network Management of TCP/IP-based Internets
- RFC 1215 - Convention for Defining Traps for use with SNMP
- RFC 1573 - Evolution of the Interfaces Group of MIB II
- RFC 1232 - Definitions of Managed Objects for the DS1 Interface Type

### **4. Hardware/Software Requirements**

#### **Hardware:**

- Sun SPARCstation 20 or UltraSPARC
- 128 MB RAM
- 2 GB hard disk
- ¼-inch tape drive

#### **Software:**

- Sun Solaris 2.4 or 2.5
- Sybase 11

Note: The above requirements are for the Fault Server workstation. CascadeView/UX v2.0 or later is also required. The CascadeView/UX database can run on either Sybase 4.9.2 or 11.

## **5. Pricing and Product Code**

Product Code:	70028
U.S. List Price:	\$7,500
International List Price:	\$7,875

(Note: This is a non-discountable product.)

## **6. Ordering Information**

Fault Server v1.0 is now available.

## **7. Contact Information**

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