

PRODUCT NEWS BULLETIN

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Customer Network Management (CNM) Proxy Agent v1.1

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1. Introduction

The purpose of this bulletin is to provide information regarding features, positioning, and pricing of the CNM Proxy Agent v1.1.

The CNM Proxy Agent v1.1 is a network management software product that service providers can offer their customers (end-users) to allow them a management view of their subscribed services. CNM allows end-users the ability to monitor the performance and status of their Frame Relay logical ports and circuits.

The CNM Proxy Agent that Cascade provides is designed to work with a Service Provider's CNM Gateway. The Gateway provides security, end-user mediation services, and flow control. It may work with a multi-vendor service provider network. The CNM Gateway receives end-user requests and communicates with the CNM Proxy Agent via Simple Network Management Protocol (SNMP). Both components are necessary to deploy a CNM service, although Cascade only provides the CNM Proxy Agent.

Version 1.1 of the CNM Proxy Agent provides significant performance enhancements over v1.0.

Version 1.1 New Features and Enhancements:

- Significant performance improvement over v1.0 by using database caching techniques, supporting multi-processor computing platforms, and supporting Sybase 11 (better performance than Sybase 4.9.2)
- Automatic, daily updating of the CNM database
- Support for up to nine CNM Gateways
- Trap validation to ensure that trap information forwarded to the CNM Gateway is from a logical port or circuit in the CNM database
- Support for Class B network addresses (if the switches also support Class B network addresses)
- Simplified installation package for both the CNM Proxy Agent and Sybase 11

2. Product Description

Service providers that want to deploy a CNM service use the Cascade CNM Proxy Agent in conjunction with a CNM Gateway (provided by the Service Provider or a third-party software vendor) to provide customers with “read-only” access to Frame Relay network management information. The CNM Proxy Agent v1.1 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.

As with v1.0, v1.1 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

3. Hardware/Software Requirements

Hardware:

- Sun SPARC station 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 CNM Proxy Agent workstation. CascadeView/UX v2.0 or later is also required. The CascadeView/UX database can run on either Sybase 4.9.2 or 11.

4. Pricing and Product Code

Product Code:	70022
U.S. List Price:	\$7,500
International List Price:	\$7,875

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

5. Ordering Information

This product is now available and can be ordered through Order Administration.

6. Upgrade Plan

Customers with a Software Maintenance Contract will automatically receive the upgrade. All others should order the software through Order Administration.

7. Contact Information

Kevin Vadenais
Product Marketing Manager, Network Management
Cascade Communications Corp.
Phone: (508) 952-1293
Fax: (508) 692-5052
E-mail: kvadenais@casc.com