

WebBeaconTM Web-based Element Management System

Superior Browser-based Network Management



WebBeacon™ Element Management System (EMS) by Telco Systems is a browser-based element and service provisioning software for Metrobility® devices. Enabled through an embedded kernel which resides on the management card, WebBeacon provides an efficient, user-friendly way to configure and manage all Metrobility chassis installed on a single network. The network administrator can use WebBeacon as an alternative to the CLI typically used to configure and operate network devices.

Using WebBeacon, network managers can access individual managed devices remotely, adjust operating parameters quickly and even switch hardware settings from any location at any time. All platform configuration updates, maintenance, and diagnostics can be performed remotely through a web browser. User-enabled traps based on extensive realtime MIB-II and Metrobility-specific MIB statistics — including alarm thresholds and notification procedures — enable early problem identification, fast fault isolation and proactive management to prevent problems before they affect end users.

WebBeacon supports complete remote monitoring and control for all of Metrobility devices when configured in a chassis with a management line card.

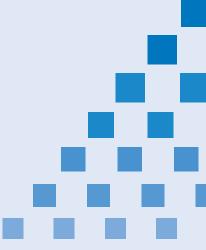
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Product Highlights

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- Comprehensive monitoring and control for proactive management
- Embedded in the Metrobility management line card
- Supports the complete line of Metrobility services line cards and interface line cards
- Detailed views of:
 - System information
 - Chassis monitoring
 - Management module monitoring
 - Console logs
 - Trap log
- Interface fields for:
 - Device configuration
 - Module configuration
 - Trap configuration



WebBeacon Element **Management System**

WebBeacon Features and Statistical information

Chassis Information

Part Number			
Serial Number			
Date of Manu	facture		
Revision	10	Fore Task	
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Chassis Status

Power Status Power Output Voltage Platform Temperature Platform Reset

Port Information

Auto-negotiation status Name Type Speed Duplex mode

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Alarms

Cold Start Warm Start Link Up Link Down Platform Reset Line Card Reset Port Reset Authentication Failure **Configuration Change** Temp Out-of-Range Power Supply Out-of-Range Optical Power (Access Line Card) Power Supply On/Off Module/Power Supply Inserted Module/Power Supply Removed Redundant Switchover Far End Fault Remote Fault Alarm (Ethernet and TDM) Port Speed Change Port Link State Change (Ethernet and SONET)

Active Control

Network Select/Dynamic Recovery Modes Link Loss Carry Foward Link Loss Return Auto Revert to Primary, Transmit on Both, Link on Both SONAR Port/Line Card Name Chassis Name, Location and Contact Information IP Address Reset Platform Subnet Mask Default Gateway Port State Auto-Negotiation Loopback Backpressure, Speed Duplex

Alarm Threshold Setting Telnet to Console Commands

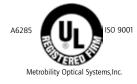
Port Status

Link stats Link activity

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Ordering Information

WebBeacon				
Part Number	Description			
WebBeacon is embedde	d in Metrobility's Management Line Card			
R502-M	Management Card (One DB-15 and two RJ-45 connectors)			
R104-11	10/100TX 4-port Chassis Stacking Line Card (Four RJ-45 connectors)			
Hardware requirement	nts			
The management card re	quires one slot in the following Metrobility chassis:			
R5000-17HS	17-slot chassis, rack-mountable			
R1000-xxx	2-slot chassis, rack-mountable			
R400-02HS-1A	2-slot chassis			



Features and Benefits

- ۶. Proactive network management from any supported network browser, such as Internet Explorer or Netscape
- 2. Comprehensive monitoring and control for proactive management

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