

TELLABS® 5320L/S Digital Cross-connect Element Management System (EMS) Feature Package 3.0 (FP3.0)

- **Overview:** The TITAN 532L and 532LS digital cross-connect systems (referred to in this document at the Tellabs 532L/S digital cross-connect systems) element manager system (EMS) Feature Package (FP) 3.0 is an indispensable companion that manages the Tellabs 5320L/S digital cross-connect from a centralized point of control via a graphical user interface (GUI). The Tellabs 5320L/S EMS FP3.0 supports the Tellabs 5320L/S digital cross-connect FP6.0, FP5.0 and FP4.1 system software feature packages.

The Tellabs 5320L/S EMS employs client-server architecture. The server operates on an Intel-based Windows 2000 platform. Taking advantage of this familiar and widely deployed platform minimizes the risks associated with using proprietary software and maximizes a service provider's pool of human resources.

Note for Upgrades

This note also is applicable to existing customers of the Tellabs 5320L/S EMS who are using versions FP2.3 or below and are considering upgrading to the FP3.0 version. If the customer's existing server hardware does not meet the minimum hardware requirements listed below, it is highly recommended that the customer deploy a new server that meets the listed requirements, rather than upgrading the customer's current physical server.

Hardware and Software Configurations

The specific quantity of Tellabs 5320L/S digital cross-connect network elements supported per server is dependent on the hardware configuration purchased. Users and network elements may be connected to the EMS as local or remote. The validated results are as follows.

	Single Processor Server	Dual Processor Server	Quad Processor Server
Tellabs 5320L/S Digital Cross-connect	1 - 10	10 – 25	20 - 48
Simultaneous Client Sessions	5	10	20
Number of Alarms Supported	2,000	4,000	8,000

Specific hardware and software requirements and recommendations are below.

- **Features and Benefits:**

Minimum Hardware Requirements

- Quad Processor Server
 - IBM or comparable PC with:
 - Quad-Processor Pentium III 700 MHz.
 - 1-GB Memory
 - 16 GB SCSI hard drive
 - CD-ROM drive
 - DAT tape drive
 - 10/100 Base-T Ethernet card
 - Dual Processor Server

- IBM or comparable PC with:
 - Dual-processor Pentium III 866 MHz
 - 1-GB Memory
 - 9GB SCSI hard drive
 - CD-ROM drive
 - DAT tape drive
 - 10/100 Base-T Ethernet card
- Single Processor Server
 - IBM or comparable PC with:
 - Pentium III 933 MHz
 - 1-GB Memory
 - 9 GB SCSI hard drive
 - CD-ROM drive
 - DAT tape drive
 - 10/100 Base-T Ethernet card
- Client Desktop
 - IBM or comparable PC with:
 - Pentium III 700 MHz
 - 256 MB memory
 - 2 GB SCSI hard drive
 - CD-ROM drive
 - 10/100 Base-T Ethernet card
- Monitor
 - Server Requirements: 17-inch super VGA, 75 Hz color, 1024x768 Resolution.
 - Client (desktop only) Requirements: 21-inch super VGA, 75 Hz color.
- Terminal Server
 - Tellabs recommends iTouch/Nbase (Xyplex) and Lantronix terminal servers, which is the hardware used in the Tellabs 5320L/S element management system's lab testing.

■ **Specifications:** **System and Application Software Specific to EMS Deployment**

SERVER SOFTWARE

- Microsoft Windows 2000 Server with SP3
- Microsoft SQL Server 2000 with SP3
- Crystal Reports version 8.5 (Optional)

CLIENT SOFTWARE

- Windows NT Workstation 4.0 with SP5 OR Windows 2000 Professional with SP2

■ **Ordering & Availability:**

Tellabs offers a special deployment option for customers purchasing EMS products. Hardware and software also may be purchased pre-configured by Tellabs. Please contact your local Tellabs sales representative for more specific information regarding deployment options.



One Tellabs Center
1415 West Diehl Road
Naperville, IL 60563 U.S.A.
Tel: +1.630.378.8800
Fax: +1.630.798.2000

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