WizLAN Ltd.

SNMP Agent and Management for WizLAN Connectivity Centers

WIZ-NMS/A
SNMP Agent Module

WIZ-View/A
Management Application

Wiz-NMS/A SNMP agent slide-in module provides comprehensive management for WizLAN product lines. A set of standard and private MIBs provide advanced setup, control and monitoring capabilities. These are manageable using either standard MIB browsers or via

WIZ-View/A - a rich Java based graphical administrative tool designed specifically for WizLAN products.

WIZ-View/A provides a full graphical representation of the managed chassis and modules, with point-and-click access to all the functions supported by Wiz-NMS/A.

WIZ-View/A is a cross-platform application designed to operate on a wide range of operating systems including Microsoft Windows 98/NT/2000/XP, Sun Solaris, HP-UX, IBM-AIX, Linux, and MAC OS running on PCs, SUN, HP, IBM and MAC workstations and servers. It can be run as a standalone application as well as linked to an enterprise management system such as HP/OV, IBM Tivoli, CA Unicenter, etc.

WIZ-NMS/A SNMP Agent Module Features

- Remote in-band or out-of-band management and Telnet/CLI interface
- Auto-identification of host chassis and slot contents
- Power management including power-supply identification and power consumption
- Chassis hardware monitoring including temperature, voltage and fan RPM
- Event logging and storage of last 200 events
- Configurable trap destinations
- FTP firmware upgrade capabilities
- Module/port zoom-in provides full setup and monitoring capabilities
- Configuration storage for individual modules, to be automatically restored in the event of power loss or module replacement
- Hot-swappable

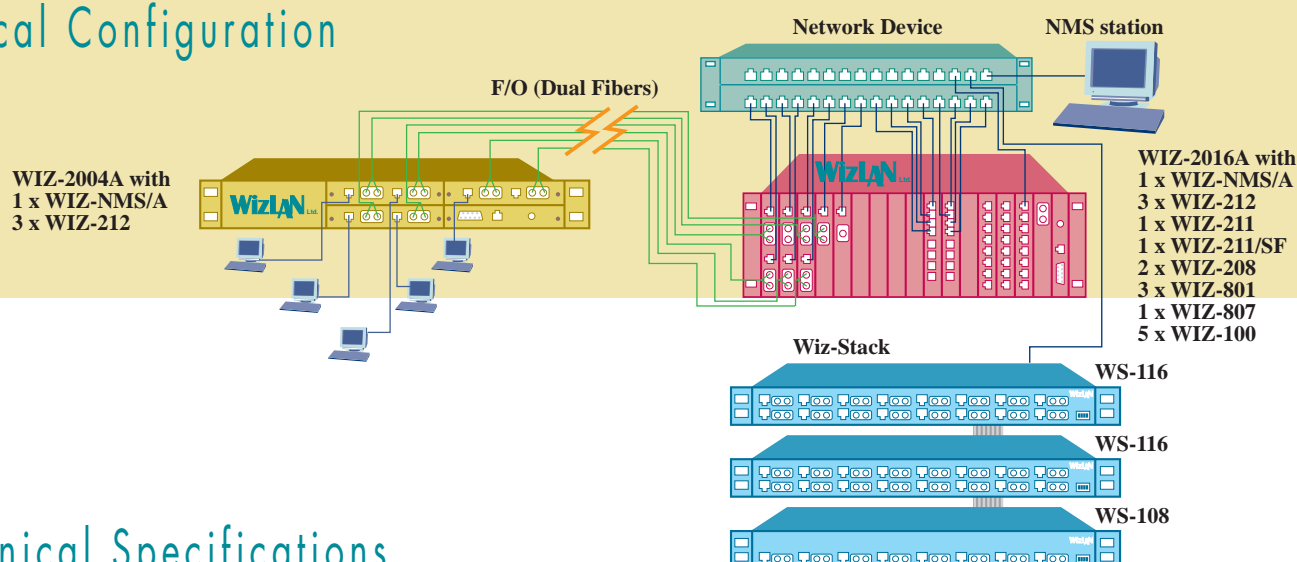### WIZ-View/A Management Application Features

- Dynamic discovery and detailed graphical representation of host chassis and slot contents
- Definition and graphical representation of various types of F/O ports and connectors
- Colorful graphics and colored status indications enhance usability
- Intuitive user interface and workflow
- Zoom-in point-and-click access to setup and monitoring options for the chassis, individual modules and ports
- Auto-discovery of SNMP network devices
- Built-in security module for authentication and multi-level access control
- Event logging and configurable trap destinations

WizLAN Ltd. Simply Unbeatable

MEDIA WIZARD

Typical Configuration

Network Device   NMS station

F/O (Dual Fibers)

WIZ-2004A with
1 x WIZ-NMS/A
3 x WIZ-212

WIZ-2016A with
1 x WIZ-NMS/A
3 x WIZ-212
1 x WIZ-211
1 x WIZ-211/SF
2 x WIZ-208
3 x WIZ-801
1 x WIZ-807
5 x WIZ-100

Wiz-Stack

WS-116
WS-116
WS-108

Technical Specifications
WIZ-NMS/A - SNMP Agent Module
WIZ-View/A - Management Application

WIZ-NMS/A Specifications

Connectors
RJ45   out-of-band 10M Ethernet connector
DB9 male   RS232 CLI/Telnet connector (DCE),
                              VT100 compatible

Management
In-Band/out-of-band   switch selectable
Supported MIBs: RFC-1213 (MIB-II), PRIVATE MIBs
Local/CLI   For initial configuration and Telnet

LED Indicators (each RJ-45 and Fiber port)
System   Init, Sys
Power supply   Main, Secondary
In-band/out-of-band   Outband, Inband
Link status   Link, Active

Supported MIBs
SNMPv2c and MIB II standards
All other management data is represented by a series of
private MIB files

Standard Compliance
IEEE802.3   10BaseT Ethernet

Safety and Emissions: CE, FCC Part 15, EN60950

Power Consumption (installed in Media Wizard chassis):
DC Power Consumption (PU)   WIZ-NMS/A - 0.8PU
(Power Units per module)

Module Dimensions
H: 130mm (5.1") x W: 25.4mm (1") x D: 140mm (5.5")

Environment
Operating: 0 to 45°C (32 to 113°F)
Storage: -40 to 85°C (-40 to 185°F)
Humidity: 10% to 90% non-condensing

WIZ-NMS/A Capabilities
(Enhanced capabilities via WIZ-View/A)

Special Features
In-band/out-of-band management support
Configuration storage
Power management
Hardware monitoring

Chassis Parameters
System information: system and user defined identification
Power management: power supply identification, consumption monitoring
Hardware monitoring: voltage, temperature, and fan RPM
Auto-discovery of host chassis and modules

Module/Slot Parameters
Auto-identification of module type, user assigned name, module level setup
(redundancy, VLAN, etc.)

Port Parameters
Identification: user defined port name, system assigned port description, port
type, fiber type, fiber connector, fiber wavelength.

Setup and operation: status, mode, speed, duplex, PONL, FEF, Loopback,
pause, master/slave, rate-limit, redundancy.

Traffic monitoring: link status, activity status, collision, priority, Tx/Rx frames,
error frames

WIZ-View/A Specifications

Can be run standalone on:
Microsoft Windows 98/NT/2000/XP, Sun Solaris, HP-UX, IBM-AIX, Linux, and
MAC OS running on PCs, SUN, HP, IBM and MAC workstations and servers

Can be linked to:
Enterprise management systems such as HP/OV, IBM Tivoli, CA Unicenter, etc.

Supported MIBs:
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Ordering Information

WIZ-NMS/A   SNMP agent slide-in management module for WizLAN product lines. Includes 10BaseT In-Band/Out-of-Band and RS232 interfaces.
WIZ-View/A   Cross-platform enhanced graphical management application for WizLAN product lines.