Xyplex Inc.

Control Point

295 Foster Street
Littleton, Massachusetts 01460
USA

Tel: 508-952-4700
Fax: 508-952-4702

Control Point Version 2.1 currently provides Network Management support for Solstice SunNet Manager 2.0 running SunOS 4.1.x, support for Solstice SunNet Manager 2.2 running SunOS 4.1.x, and Solstice SunNet Manager 2.2 running Solaris 2.3 (using binary computability mode). Control Point manages the Network 9000 Routing HUB, and standalone equipment by providing a point and click graphical user interface for chassis management and internal segment connections. Control Point provides a detailed GUI representation of Xyplex repeaters, routers, and terminal servers for both standalone and chassis based products. By creating a chassis ICON on the MAP, the user can start Remote View, a Xyplex GUI application that will auto-discover devices located within the HUB and populate the MAP with all devices found in the HUB. The GUI itself will poll all devices in the HUB, or standalone devices, and provide a visual means for identifying device, port and power supply status. For detailed management, Control Point provides the following applications:

• <u>Status and Configuration Application (CPSTAT)</u>: A GUI that provides predefined easy to read views of all read only and read/write parameters available for the device under management. Several views can be open at once and the display fields can be continuously polled or modified from the same application. The users can also design their own customer views.
• <u>Network 9000 and Standalone Device GUI Application (Remote View)</u>:
When Remote View is launched from a Xyplex ICON on the MAP, it will bring up a GUI representation of standalone devices and Network 9000 Chassis. By creating a single front card within a chassis, the user may poll the chassis and auto-create the rest of the chassis as well as populate the MAP.
• <u>Slot Connections Application GUI</u>: This is a drag and drop GUI that allows the user to change internal/external slot connections for all Network 9000 products.
• <u>Xyplex Create</u>: will automatically create Xyplex devices on the MAP once the Solstice SunNet Manager discover tool has been run. Xyplex Create creates the appropriate ICON and Xyplex sub-net views the ICON. Control Point is tightly integrated with Solstice SNM so that any trap or event will be logged so Solstice SNM provides a visual representation on the MAP. All commands are available from the Solstice SNM pull-down menu as well as the Xyplex Remote View application.

Solaris version: 1.1 and 2.3
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Uses Agent API

Zenith Electronics Corporation

Enterprise Exchange

1000 Milwaukee Avenue
Glenview, IL 60025 USA

Tel: 708-391-8912
Fax: 708-391-8919

Zenith Electronics Corporation will develop an application based on Solstice SunNet Manager to manage its Enterprise Exchange product. Enterprise Exchange is a fault-tolerant intelligent premise wiring system which interconnects Ethernet, Token Ring, and FDDI networks.

Solaris version:
Solstice application/version:
Type of integration:

Tom Sawyer Software

Network Layout Assistant

Tom Sawyer Software's Network Layout Assistant brings sophisticated network device mapping facilities to Solstice SunNet Manager . The Network Layout Assistant works by reading the network information in your Solstice SunNet Manager database and automatically repositioning the device icons and their connections. For medium and large networks this can eliminate hours (even days) of icon dragging when creating or modifying network views.

You can lay out bus, tree, ring, star and mesh topologies via simple Network Layout Assistant dialogs. The results are clear readable views of your network that help you get the most out of your investment in Solstice SunNet Manager and the applications built on its framework.

The Network Layout Assistant Overview window provides a bird's-eye view of your entire network, helping you maintain perspective while scrolling through the Solstice SunNet Manager Console. No more getting lost when you scroll around in a large view. New printing support produces hard-copy output of entire network maps directly from the management station. Flexible PostScript output eliminates the need for multiple snapshot/print/scroll on large views. The Network Layout Assistant is Solstice SunNet Manager Certified on both the Solaris 1.x and Solaris 2.x platforms. Tom Sawyer Software is a specialist in automated layout solutions for application software. Our Graph Layout Tool kit object positioning libraries are available for licensing by software vendors for bundling into their applications.

Solaris version: 1.1.1, 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2 and 2.2.2
Types of integration: Console Menu Interface, Uses Manager API, Requires Solstice SNM to run.

1824B 4th Street
Berkeley, California 94710
USA

Tel: 510-848-0853
Fax: 510-845-0854
Internet:
info@tomsawyer.com

3Com

Transcend Remote Boot and Configuration Services

5400 Bayfront Plaza,
Santa Clara, CA 95052 USA

Tel: 408-764-5000
Fax: 408-764-5001

Configure your network quickly and easily with 3Com's Transcend Remote Boot and Configuration Services (RBCS) Version 2.0 software. Transcend RBCS Version 2.0 provides a powerful, standards-based environment for central booting and configuration of CS/2500 and CS/3000 terminal servers. By enabling you to boot and configure multiple devices from one location, Transcend RBCS Version 2.0 saves you time and effort when managing large or complex terminal server networks. Transcend RBCS 2.0 provides the System Load Protocol for simultaneous booting of multiple devices, allowing quick recovery from power failures and efficient use of network bandwidth over lower-speed lines. The popular BootP/TFTP boot protocol (included) provides additional security by restricting TFTP access to particular file paths on the boot server.

An easy-to-use macro service is included so you can develop and share customized interfaces for terminal server clients, as well as automate initialization and administrative tasks.

Solaris version: 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Requires Solstice SNM to run

Telesystemes

Telco Applications Provider

Telesystemes provides software products for managing private X25 networks. These solutions extend the network management techniques, originally focused in LAN domains, to WAN domains. Both are combined thanks to Sun Net Manager integration principles. X25 device management is dual: some management dialogs conform to SNMP, especially when the devices include SNMP agents; other dialogs are X25 proprietary for security reasons (e.g. modify a configuration parameter) or for technical reasons (e.g. binary dump or downloading of a device).

8 Rue Sainte Barbe
BP 2089 F-13203
Marseille Cedex 1 France

Tel: 33 1 91 139 500
Fax: 33 1 91 916 343

Configuration: A graphic easy to use interface allows the operator to describe:
nodes of a network (icon edition). a network topology (configuration tools).
management and supervision stations Views at different geographical levels may be combined to produce zoom effects.

A complete management: Management functions, performed from a manager or from a supervisor with the intermission of manager(s), include: configuration management (see above), fault management (real time, polling and historical statistics),
performance management (collection of statistical parameters), and security management (management of four operator levels).

Solaris version: N/A
Solstice application/version:
Types of integration: Console Menu Interface, Data File Integration, Uses Agent API, Requires Solstice SNM or Solstice Enterprise Manager

3Com

Transcend Enterprise Manager UNIX v2.0

Following is a brief overview of the Transcend Enterprise Manager UNIX, v2.0 (TEM/UNIX v2.) which outlines its features:

5400 Bayfront Plaza,
|Santa Clara, CA 95052 USA

Tel: 408-764-5000
Fax: 408-764-5001

TEM/UNIX v2.0 is a single application which comprises the following four main management application components:
- Hub Management
- Token Ring Management
- NETBuilder Management
- LANPlex Management

A number of tools are also available with the application:
- Alarm Management Tool
- Bridge Management Tool
- Configuration Management Tool
- On Line Documentation Viewer

It is supplied on CD-ROM format and all components, tools, and application on-line documentation can be installed from a single CD. A full 3Com Library of 3Com Software and Hardware Manuals is also available on a separate CD- ROM. A complete hard copy manual set is supplied as part of the Transcend Enterprise Manager package.

Solaris version: 1.1.2, 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Requires Solstice SNM to run

Standard Microsystems Corporation

EliteView for SunNet Manager

One Riverside Drive
Andover, Massachusetts
01810 USA

Tel: 508-691-1200
Fax: 508-691-2610
Internet: techsupport@
mass.smc.com

EliteView for SunNet Manager is a graphical-based tool enabling network administrators to perform a variety of management functions on SMC's LAN switch and HUB products. EliteView for SunNet Manager automatically integrates with Solstice SunNet Manager during installation. There is no manual configuration required by the user. It supports the configuration and monitoring of SMC's Switch and HUB products, including: filter setup; statistics and threshold monitoring; event management of ES/1 and TigerSwitch alarms and events; download of new software updates.

Solaris version: 2.2 and 2.3
Solstice application/version: Solstice SNM 2.2 and 2.2.2
Types of integration: Console Menu Interface, Data File Integration, Requires Solstice SNM to run

T3Plus Networking Inc.

BMX45 Bandwidth Managers

3393 Octavius Drive,
Suite. 220
Santa Clara, CA 95054 USA

Tel: 408-986-4232
Fax: 408-727-5151

T3plus Networking is a leading developer and marketer of high speed DS3 wide area communications products. These products range form the BMX45 family of intelligent bandwidth managers which support meshed networks, to North American and International standards-compatible DSUs. The BMX45 family of bandwidth managers is monitored and controlled by BMXview, a customized UNIX/SNMP based network management system. BMXview runs on the Sun Microsystems SPARC workstation. T3plus Networking also provides network managers with SNMP MIB (Management Information Base) that allows the BMX45 network to be monitored and controlled by an existing SNMP based network management system such as Solstice SunNet Manager. To fulfill customer requirements, T3plus Networking is committed to integrating its network management system more fully with Solstice SunNet Manager, providing users of SunNet Manger with value-added features.

Solaris version: None
Solstice application/version:
Types of integration: Console Menu Interface, Data File Integration

Software Professionals Incorporated

ENlighten/EVENTS

ENlighten/EVENTS automatically collects and saves status, configuration, performance and capacity information and makes it available for monitoring by most any commercial SNMP manager. As an SNMP agent, ENlighten/EVENTS monitors system resources and provides this information to Solstice SunNet Manager or OpenView. It reduces network traffic by eliminating the need for hundreds of polling messages. You are only notified when a performance characteristic reaches an alert stage.

Its event-driven capabilities can help predict when an error or problem is about to occur, enabling you to reduce costly downtime while providing users with faster, more reliable environments.

Solaris version: 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2 and 2.2.2
Types of integration: Uses Agent API

999 Baker Way, Suite 390
San Mateo, California 94404
USA

Tel: 415-578-0700
Fax: 415-578-0118

Software Professionals Incorporated

ENlighten/SYS ADMIN Package

Efficient administration of your open system is essential to the overall stability of your environment. The proliferation of different versions of UNIX increases management overhead as administrators learn to deal with the individual quirks of each version. The ENlighten/SYS ADMIN Package provides the common link to help manage heterogeneous computing environments.

It manages users, disks, backups/restores, security, processes and printer functions. In addition to system configuration, ENlighten/SYS ADMIN allows you to monitor an item and then take action on it. It also provides a watchdog feature for automatic notification when a key aspect of the system has reached a pre-defined threshold, and perform a detailed analysis of certain system areas, providing a list of inconsistencies found.

Solaris version: 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2 and 2.2.2
Type of integration: Uses Agent API

999 Baker Way, Suite 390
San Mateo, California 94404
USA

Tel: 415-578-0700
Fax: 415-578-0118

Sarion Systems Research Company, Ltd

HubTrack/UNIX

1-29-4 Takadanobaba
Shinjukuku, Tokyo 169
Japan

Tel: 81-3-5273-7061
Fax: 81-3-5273-7064
Internet:
koba@sarion.co.jp

HubTrack/UNIX runs on SUN workstations and provides powerful functionality for the visual management of hubs. It works with Solstice SunNet Manager to enhance the hub manageability, and conforms to the IEEE Hub MIB standard.

Functions:
Hub Status Monitor - The Hub Status Monitor provides an instant view of the hub status in a window which has the 3612T front panel image and its lamps. These lamps reflect the actual status of 3612T, and are updated dynamically. The window also has a dozen indicators showing the status of each line connected to the hub. The hub setting can be changed by using the mouse on the hub image to evoke the control panel.
Traffic Viewer - The Traffic Viewer is an alternative to Solstice SunNet Manager 's Grapher tool and enhances traffic visualization capabilities. By using this tool, observing the traffic running through the hub is made much easier.
Configuration Manager - The Configuration Manager stores the hub configurations, so that this setting can be reproduced as needed. Thus, if the hub configuration is lost due to some trouble, this configuration can be revoked at once.
Remote Control Agent - This is an agent made by using the Solstice SunNet Manager Proxy agent mechanism. It accesses a hub from a serial port, so that you can reach hubs, even if trouble occurs in the network between the workstation running HubTrack/UNIX and a hub. This facility is convenient for initializing 3612T for the first time (for instance, the IP address assignment), and for out-of-band monitoring.
Link Tracer - The Link Tracer keeps track of connections between 3612T and nodes. 3612T is displayed in Solstice SunNet Manager 's map window as an icon. Whenever the Link Tracer finds a newly connected node, it draws an icon representing the node, and a line connecting it to 3612T. Likewise, when a node is disconnected, the corresponding icon and line disappears automatically. Furthermore, by clicking the mouse on the map, you can acquire various information on links.

Solaris version: Sun OS 4.1.3 (Solaris 1.1)
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Uses Manager API, Console Menu Interface

Sestel SA

Hub Man

215 Rue Jean-Jacques
Rousseau
Issy-les-Moulineaux 92136
France

Tel: 33 1 46 45 44 96
Fax: 33 1 46 45 65 50

Hub Man is a graphical integration tool for the mangement of hubs conforming with the standard Repeater MIB (RFC 4368). It provides graphical representation, display of real-time update, alarm definition, alarm and trap processing, and statistics definition and processing.

Solaris version:
Solstice application/version:
Type of integration:

Retix

RETIXVision

2401 Colorado Avenue
Santa Monica, CA 90404
USA

Tel: 310-828-3400
Fax: 310-828-2255

RETIXVision is an SNMP-based configuration and management tool that enables network administrators to remotely configure and manage Retix routers and bridges on their network. Accurate graphic depiction of each managed device facilitates remote operation. Intuitive displays and on-line help accelerate device setup, and make ongoing network management easier and more reliable. Device statistics and error conditions are automatically reported and graphed, enabling the network administrator to quickly pinpoint and resolve potential network problems.

RETIXVision can run in stand-alone mode on a UNIX workstation, or can be invoked through leading third-party network management systems including Solstice SunNet Manager , HP OpenView, IBM NetView/for AIX, and NetLabs/DiMONS.

Point and Click Configuration: RETIXVision displays a graphical view of the managed device, showing interfaces and status LEDs. It also displays menus, which allow you to view and configure global device parameters, such as routing enable or memory partitioning. To monitor or configure a specific port, just click on the port, and a menu for that port appears. You can also set port-specific parameters such as IP and IPX addresses, enabling/disabling of specific protocols, and logical port numbering. In addition, you can specify device parameters at your workstation to carry out explicit instructions such as resetting or rebooting the remote device.

RETIXVision provides comprehensive retrieval of device data such as performance, errors, and configuration. Both global and per-port data can be displayed and graphed with a simple click of the mouse. RETIXVision provides an on-line help facility that gives full definitions of all the device parameters, as well as guidance in setting, changing, and evaluating these parameters. Clicking on the Help button in each window provides details about all the MIB objects handled by that window. This comprehensive capability reduces the need to refer to manuals for parameter information, facilitating and speeding device configuration and performance analysis.

An enterprise network management system is often used on large, heterogeneous networks encompassing multivendor equipment. Unfortunately, these systems cannot provide specific and detailed configuration and management for each of the different devices on the network. RETIXVision provides this important function for Retix devices, and can be invoked conveniently from within third party network management systems. For example, from the network diagram of the network management system, you can select a Retix router, and pull-down menus will then let you invoke RETIXVision to configure and manage that device. To complement RETIXVision, the Retix device MIBs (Management Information Bases) are available for inclusion with your network management system. In addition, Retix offers Retix Network Management Packs--fully compiled Retix device MIBs that are updated regularly. Use of Retix Packs in conjunction with RETIXVision adds detailed Retix-specific alarm reporting and device icons to your network management system.

Retix offers a complete line of local and remote inter-networking products that can all be managed by RETIXVision. Use RETIXVision in conjunction with the ROUTERXchange 7000 and other Retix bridges and routers to build a powerful and versatile enterprise-wide network.

All Retix products are backed by a full spectrum of service and support options, including network design, installation, phone support, on-site service, and training.

Solaris version: N/A
Solstice application: N/A
Type of integration: N/A

OSCOM International Pty Ltd

OSI Access and Directory

Level 25
QV1 250 Saint Georges
Ter Perth WA 6000
Australia

Tel: 61-9-481-3444
Fax: 61-9-481-0111

OSI Access and Directory integrates support for OSI upper layers protocols, Sun OSI lower layers, and X.500 Directory services. In an integrated E-mail environment, the X.500 Directory lets you build a comprehensive network directory complete with information from interconnected E-mail systems and from various databases. Information can include, for example, names, phone numbers, mailbox addresses, and even digitized photographs of the people working at distributed sites throughout your network. E-mail configuration and routing information is also provided through Control Data's X.500 Directory. And Solstice SunNet Manager can be used to monitor and manage X.500 Directory statistics and performance. Control Data's X.500 Directory is a comprehensive implementation of the CCITT X.500 recommendations.

Solaris version:
Solstice application/version:
Type of integration:

Plexcom, Inc.

PlexView/SNM

2255 Agate Court
Simi Valley, CA 93065 USA

Tel: 805-822-3333
Ext. 3073
Fax: 805-583-4764

Graphical Interface to Solstice SunNet Manager for SNMPManagement of Plexcom Hardware Products.

Solaris version:
Solstice application/version:
Types of integration: Console Menu Interface, Uses Manager API, Requires Solstice SNM or Solstice Enterprise Manager to run

Oracle Corporation

ORACLE 7

Relational cooperative server and tools.

Solaris version: 2.3, 2.4
Solstice application/version:
Types of integration: Console Menu Interface, Uses Agent API, Uses Database API

500 Oracle Parkway
Redwood City, California 94065
USA

Tel: 415-506-7000
Fax: 415-506-7223

Ordinox Network Inc.

WINMANAGER

WINMANAGER is a series of applications and tools that allow an easy and tight integration of any SNMP manageable product under the most popular network management platforms. The vendors get full support of all their SNMP manageable products under their favorite platforms such as SunNet, HP OpenView, NetView 6000, etc. The support includes full integration of the private and RFC MIB, the GUI representing the EXACT replica of the managed product, On-Line Help, user's manual, and much more. Ordinox Network Inc. does all the development and integration so the vendors can concentrate their efforts and money on functionality of their equipment. A demo diskette is available.

Solstice version:
Solaris application/version: SNM 2.2
Types of integration: Console Menu Interface, Uses Agent API, Uses Manager API, Requires SNM to run

720 Montgolfier, Ste 201
Laval PQ H7W 4Z2
(Canada?)

Tel: 514-686-2455
Fax: 514-686-0239

Optical Data Systems

LANVision for SunNet Manager

1101 E. Arapaho Road
Richardson, Texas 75081
USA

Tel: 214-234-6400
Fax: 214-234-4059

The LANVision for SunNet Manager tools provide an easy way for you to monitor and manage your network. The LANVision Hub Tool, designed specifically for ODS Ethernet, Token Ring and FDDI network modules, provides a graphical presentation of the ODS chassis you specify. Based on international standards, the Hub Tool manages ODS devices that run SNMP (Simple Network Management Protocol). The Tool allows you to quickly and easily view and modify detailed SNMP information that is provided by SNMP agents resident on our ODS controller modules. It's as simple as pointing and clicking on menus and objects to access the following functions:

- General status information and control for all objects in this chassis.
- Selection of the media type to be displayed, whether Ethernet, Token Ring or FDDI.
- Configuration of SNMP parameters, polling intervals, and logging levels.
- Error logging, timeout and retry monitoring, and chassis configuration reporting.
- Interactive module displays that provide menu-driven access to color-coded, easy to read SNMP status and control cards, interfaces, workgroups of ports, and individual ports.
- A comprehensive, context-sensitive on-line help system.

The LANVision Database Update (DBU) Tool is another feature that allows you to quickly update your Solstice SunNet Manager database with the ODS-specific information. The DBU Tool searches the database and updates the icon and supported MIB information for each ODS device found. The menus are updated for each ODS device to provide quick access to start up the Hub Tool. LANVision for SunNet Manager is designed to be easily installed and integrated into your existing Solstice SunNet Manager system. All file loading and configuration is done automatically during the installation. The SNMP community access information from the Solstice SunNet Manager database is also incorporated. You can even specify to run the DBU Tool during the installation. LANVision for SunNet Manager has received rave reviews from some of the industry's top network administrators.

Solaris version: 2.4
Solstice application/version: Solstice SNM 2.2.2
Type of integration: Console Menu Interface

~~Oracle Corporation~~

~~Diamond~~

500 Oracle Parkway
Redwood City, California 94065
USA

Tel: 415-506-7000
Fax: 415-506-7223

~~This tool will manage and analyze Oracle databases.~~

Solaris version: 2.3, 2.4
Solstice application/version: SNM 2.1, SNM 2.2, SNM 2.2.2
Types of integration: Console Menu Interface, Uses Agent API, Uses Database API

Newbridge Networks/Vivid

Vivid System Manager

593 Herndon Pky.
Herndon, VA 22070 USA

Tel: 703-708-5913
Fax: 703-708-5959

The VIVID System Manager is used to configure, monitor and troubleshoot a network consisting of VIVID ATM components such as Workgroup Switches and Ridges, and other SNMP manageable LAN devices. The VIVID System Manager provides an intuitive Graphical User Interface (GUI) for managing local area networks. It provides an object oriented view of the network, with physical representations of the overall network topology as well as individual nodes, slots, ports and paths. Logical views are also available for implementing virtual LANs and physical security. Most operations are menu driven and point-and-click.

The VIVID System Manager provides the user with the tools to detect, isolate and correct network problems when they arise. Alarms and trouble tickets are automatically generated and the user is notified through visible and audible alarms in all relevant network views. Additionally, the System Manager enables the user to monitor and correct potential problems before they occur. A variety of statistics are maintained on all of the VIVID elements (e.g. cells transmitted, cells received, errors, etc.). The System Manager provides a performance management tool for correlating, manipulating, and presenting these statistics. Standard or customizable graphs and reports are available. Virtual LANs allow several users to be logically grouped together independent of physical port location.

The VIVID architecture extends this concept to “virtual subnets” that support concurrent bridging and routing. Virtual subnets allow devices in the same subnet to appear on any physical port, either Ethernet or ATM, located throughout the network. With VIVID Routed LAN Emulation, the network administrator can logically group users into virtual subnets and create filters and firewalls as required. All virtual LAN configuration is performed via the System Manager's GUI. As devices move from port to port the VIVID Route Server automatically discovers the changes and maintains the proper network layer address associations. No manual reconfiguration is required by the network administrator. The System Manager reflects these discovered changes on all relevant network views. This separation of logical addresses from physical ports dramatically simplifies the configuration and administration required in LAN inter networks.

Filtering can be implemented between virtual LAN workgroups. Network managers can administer security based on logical communities of interest as opposed to physical port location. Filters between virtual subnets will remain in effect regardless of where users move.

Port-level bindings are also available, allowing administrators to restrict virtual subnets to specific physical ports or to bind individual ports to an individual host. Switched virtual circuits (SVCs) are dynamically set up and torn down by VIVID ATM Switches based on reachability tables calculated and distributed by the System Manager. The ATM switch uses a fast signaling protocol, SVC Turbo, to dynamically establish SVC connections across a network of ATM switches in a streamlined fashion. Such rapid call setup is critical for emulating connectionless LAN traffic in large networks.

Unlike shared media LANs, where on-demand usage can degrade performance, VIVID LANs with congestion management ensure a predictable service level for all users. Permanent virtual circuits can also be established.

Solaris version: 2.3
Solstice application/version:
Types of integration: Console Menu Interface, Data File Integration, Uses Agent API, Uses Manager API

Motorola Mobile Data Division

Network Management System

11411 5 Road
Richmond BC V7A 4Z3 Canada

Tel: 604-277-1511
Fax: 604-241-6042

Motorola's Wireless Data Group (WDG) uses Solstice SunNet Manager as the framework for the development of its Network Management System (NMS). The NMS provides for main functions to the network operator. These functions are Configuration Management, Fault Management, Performance Management, and Security Management. The NMS also introduces the Client/Server architecture which allows managing/monitoring of the network from different locations. Through the NMS's graphical user interface (GUI), the network operator can perform a variety of tasks including network configuration, alarm management, maintenance and diagnostics, statistics collection, and security management. NMS meets the requirements set in the CDPD System Specification Release 1.0.

Solaris version:
Solstice application/version:
Types of integration: Console Menu Interface, Uses Agent API, Uses Manager API

Net One Systems Co. Ltd

NCS Manager

Sphere Tower TENNOZ
2-2-8, Higashi Shinagawa
Shinagawa-Ku, Tokyo, 140
Japan

Tel: 81-3-5462-0841
Fax: 81-3-5462-0878
Internet: bungo@new-news.netone.co.jp

NCS2001 Series is an Internet gateway. Net One Systems' NCS Manager is an SNMP-based network management application. NCS Manager is integrated with Solstice SunNet Manager through the console menu interface. The product allows the user to control, configure and detect faults. And it is possible to monitor through a graphical user interface, which displays and image of NCS series.

Solaris version: 1.1 and 1.1.1
Solitice application/version: Solstice SNM 2.2 and Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Uses Agent API, Uses Manager API, Requires Solstice SNM or Solstice Enterprise Manager to run

Network Peripherals

NPI Switching Hub Manager

1371 McCarthy Blvd.
Milpitas, CA 95035 USA

Tel: 408-321-7300
Fax: 408-321-9218
Internet: info@npix.com

The NPI Switching Hub Manager provides Enhanced SNMP management capabilities utilizing a graphical image of NPI's Switching Hubs, and allowing for point-and-click statistics gathering.

Solaris version: 2.3, 2.4
Solstice application/version: Solstice SNM 2.2, Solstice SNM 2.2.2
Typess of integration: Console Menu Interface, Data File Integration, Uses Agent API, Uses Manager API

Memotec Communications

CXNETMGR

The CXNETManager is a graphical application that allows the Solstice SunNet Manager user to manage Memotec's X1000 Multi-Media Hub. The initial version supports Frame-relay, Ethernet and Token Ring interfaces. Later versions will support voice and data compression. The management protocol is SNMP.

Solaris version: 1.1
Solstice application/version: Solstice SNM 2.2
Types of integration: Console Menu Interface, Requires Solstice SNM or Solstice Enterprise Manager to run

1 High Street
North Andover,
Massachusetts 01845
USA

Tel: 508-681-0600
Fax: 508-681-0660

Memotec Communications

IDM1500 - SNM

Graphical user interface application for managing Memotec's IDM 1500 T1 CSU/DSU, from a Solstice SunNet Manager console. The application provides full configuration capabilities plus statistical information on the T1 line. The management protocol is SNMP.

Solaris version: 1.1
Solstice application/version: Solstice SNM 2.2
Types of integration: Console Menu Interface, Uses Manager API, Uses Database API

1 High Street
North Andover,
Massachusetts 01845
USA

Tel: 508-681-0600
Fax: 508-681-0660

Memotec Communications

SMDS1500 Manager

The SMDS1500 Manager is a graphical application that allows a Solstice SunNet Manager user to manage Memotec's SMDS 1500 T1 CSU/DSU. The device allows a LAN to be connected to an SMDS network. The application allows the device to be managed from the Solstice SunNet Manager console. The management protocol is SNMP.

Solaris version: 1.1
Solstice application/version: Solstice SNM 2.2
Types of integration: Console Menu Interface, Required Solstice SNM or Solstice Enterprise Manager to run

1 High Street
North Andover,
Massachusetts 01845
USA

Tel: 508-681-0600
Fax: 508-681-0660

COMMAND Desktop Access addresses the requirement to extend network management capability and control to remote and branch locations throughout the enterprise. Desktop Access is a Microsoft Windows PC application which provides remote access to COMMAND 5000 servers. The product allows administrators to perform departmental network management functions such as updates and changes to asset configurations, network moves, adds and changes and LAN/WAN circuit traces. All updates and changes are transmitted back to the central COMMAND 5000 server and are automatically reflected in the overall network visualizations.

Solaris version: 2.4
Solstice application/version: Solstice SNM 2.2
Types of integration: Console Menu Interface, Data File Integration

JTEC Pty Ltd

JTEC User Management Program

122 Bowden Street
Meadowbank NSW 2114 Australia

Tel: 61 2 809 6933
Fax: 61 2 809 6611

Specifically, JTEC Manager will use the Solstice SNM API's to address the areas of config management, performance management and call management.

Integrated with Solstice SunNet Manager APIs, console menu interface, and stored Solstice SNM data.

Solaris version:
Solstice application/version:
Type of integration:

LANNET Data Communications, Ltd

MultiMan/SNM

17942 Cowan
Irvine, CA 92714 USA

Tel: 714-752-6638
Fax: 714-752-6641

MultiMan/SNM provides network management applications that allow network managers to monitor and control LANNET's Ethernet, Token Ring and FDDI based intelligent switching hubs from Solstice SunNet Manager 's management platform.

MultiMan/SNM's Zoomed Hub Management View displays a detailed image of the hub showing the functional status of management objects including modules and ports. Multi-level configuration and control information is provided for the hub, agent, modules, and internal buses. Network connections can be monitored via port to bus and network connectivity maps.

MultiMan/SNM provides a multi-faceted security scheme, enabling the definition of access control at the port and network level. Fault reporting can be performed via custom definitions which allow the setting of color coded fault status, propagation of compound status, and user definable actions.

Solaris version:
Solstice application/version:
Types of integration: Console Menu Interface, Data File Integration, Uses Manager API

Dornier GmbH

FNS 7090 Product Range

The proprietary developed FDDI product family FNS 7090 (FDDI Network System) conforms to the ANSI Standard X3T9.5 and provides products for the following areas of application: Backbone, Frontend and Backend Networks. The design of the FDDI product family guarantees easy adaptation for present and future applications. The necessary open system architecture uses hardware and software standards, while the individual system components are built modularly in the building block principle.

Max Stromeyer Str 160
Konstanz 7750 Germany

Tel: 49.7.531.8525
Fax: 49.7.531.8529

The FNS 7090 Network Management is based on Solstice SunNet Manager and offers an open platform for managing heterogeneous networks. An essential part of this is the data bank. It contains the Management Information Base (MIB), all relevant data on network resources and network topology.

Solaris version: N/A
Solstice application: N/A
Type of integration: N/A

ISICAD, Inc.

COMMAND 5000

COMMAND™ is a client/server network management software application which documents and controls the communications infrastructure -- data, voice and video -- of premise and enterprise networks. It provides detailed connectivity and configuration information for assets, users, and services on the network; and automates the extraction and consolidation of network information across applications, platforms, and database technologies. COMMAND includes a Quickstart suite of software utilities designed to implement the network visual modeling process quickly and efficiently. The Quickstart toolset extracts network management data stored in other sources, such as relational databases, flat files, network management platforms, element managers, bar code systems, etc. The COMMAND database is automatically populated with this information to provide an integrated storehouse of network connectivity, assets, and device configurations. Its graphical interface provides a visual model of the communications infrastructure using intelligent symbols to represent network devices and connectivity.

1920 West Corporate Way
Anaheim, California 92803
USA

Tel: 800-634-1223 or
714-533-8910
Fax: 714-533-8642

COMMAND automates the move, add, and change (MAC) process with its MAC Manager utility, allowing network managers to design, connect, and alter their local and wide area networks and virtual workgroups with a few clicks of the mouse. User-customizable rules can be established to control connects/disconnects, while keeping the database up-to-date. COMMAND delivers cost control through asset management. It can be utilized to establish accurate chargebacks for the network management services provided to end users and customers. Tracking the movement of expensive equipment or conducting field upgrades is easier since network managers can determine the number and location of each type of device on the network.

Two optional COMMAND modules are COMMAND WAN Manager and COMMAND Desktop Access. COMMAND WAN Manager is designed for managing wide-area network environments, and can create and trace virtual circuits and links across the enterprise, including equipment, channels and central office routing. The product also tracks bandwidth allocation and usage. Users can determine which channels are free, which are in use, and which can be reserved for future use.

com improve communications for “mission critical” business applications.
Clear Communications supports SunNet Manger with its ClearView application for wide-area network surveillance and performance management.

Solaris version: 2.3, 2.4 (6-95)
Solstice application/version:
Type of integration:

Compuware/EcoSystems Business Group

EcoTOOLS

1320 Harbor Bay
Parkway, Suite 100
Alameda, California 94502
USA

Tel: 510-748-6022
Fax: 510-748-6777

EcoTOOLS increases the availability and decreases the cost of managing mission critical client/server applications by managing the application, TPMonitor, ORACLE, Sybase, UNIX, and the network. EcoTOOLS provides robust fault and performance management, event management, automated operations, console management, process monitoring, capacity planning, security monitoring, and configuration management. EcoTOOLS can also be integrated with any SNMP based product such as Solstice SunNet Manager , HP OpenView, IBM NetView/6000, and Netlabs Nervecenter through generalized SNMP agents and action programs.

Solaris version: 2.4
Solstice application/version: Solstice SNM 2.2
Types of integration: Console Menu Interface, Data File Integration

Dornier GmbH

CoMan

Max Stromeyer Str 160
Konstanz 7750 Germany

Tel: 49.7.531.8525
Fax: 49.7.531.8529

CoMan comprises a very user friendly component management facility integrated in the Solstice SunNet Manager . This combination ensures that the hubs, bridges and routers of the FNS 7090/Pipeliner 7090 product family and the network topology can be graphically displayed at a very high level. SNMP-based network devices of other vendors also can be integrated into and managed by CoMan. CoMan gives a high resolution graphical representation of the configuration and status of the managed devices. CoMan enables the port status and the display elements of all FNS 7090/Pipeliner 7090 adapters to be displayed in color in accordance with the current operating status. Additional information regarding the statistical data of the ports (e.g. transmitted and received frames, collisions, or penetration attempts by unrecognized MAC-addresses via Ethernet ports) can be requested using the point and click function on the graphically displayed points. In addition to the status and statistical data based on the network communication, all configuration data (e.g. port type settings, timer values, spanning tree parameters, operating mode in Token Ring, permanent filter table entries or port related router settings) of the FNS 7090/ Pipeliner 7090 network components can be interrogated and edited centrally.

Solaris version: N/A
Solstice application: N/A
Type of integration: Console Menu Interface

Clear Communications

Clearview Surveillance System (The)

100 Tri State International
Lincolnshire, IL 60069
USA

Tel: 708-317-2500
Fax: 708-317-2525

The ClearView Surveillance System is a powerful quality improvement and reporting system, running on a UNIX RISC workstation, designed to enable telecommunications carriers and their most important customers to obtain: virtually error-free transmission statistical proof of network quality. The ClearView system has been in use since 1990 by carriers and large private corporate networks to predict and avoid t1/t3 outages and to provide detailed documentation of network performance. Working in collaboration with Bellcore's Network Monitoring and Analysis (NMA) system, ClearView acquires performance data from intelligent network elements, processes that data, and turns it into graphically formatted information, such as run charts, Pareto graphs, histograms, and pie charts. This information makes it easy to plan and execute effective management activities. It also automates the development of credible performance reports increasingly required by interchange carriers and major corporations.

ClearView is built on a client/server architecture and is sufficiently scalable to acquire data from over 100,000 monitoring points on a single server. Clear view's partitioning feature makes it easy to develop complete sets of reports for different customers, services, equipment vendors, and operations centers. The system's flexible graphical user interface permits multiple simultaneous users of the system; each user can be assigned appropriate feature authority restrictions as well as limitations on the portion of the network he or she is allowed to view.

ClearView effectively marries principles of Total Quality Management (TQM) and network performance management by replacing sole reliance on after-the-fact correction of problems with a predictive and preventive approach. Carriers can use ClearView to:
Alert network managers to degrading performance trends which signal impending disruptions, long before critical data and voice applications are lost. Identify the few (typically, 3-5%) chronic circuits responsible for most network disruptions and transmission errors. Convert the mountains of T1/T3/E1/E3/SONET performance data available from intelligent monitoring devices into easily understood graphical reports that can be used immediately to report and diagnose problems.

Track actual transmission performance against carrier contractual guarantees and objectives. Dramatically enhance communications about the network; free up time otherwise spent in the drudgery of report generation; reduce arguments; and promote IXC/LEC/customer teamwork directed at improving quality and reducing costs.

Clear Communications has established itself as the market leader for automated performance reporting, and ClearView is quickly becoming a new de facto standard for performance management in communications networks.

Clear Communications is the only telecommunications systems company dedicated to providing software for Total Quality Management (TQM) of communications networks. The company's products enable network managers to attain their goals of zero defects, fault-free transmission and 100 percent availability in strategically crucial digital facilities leased from common carriers.

The company's first product, the ClearView Surveillance System, provides real-time monitoring, testing and reporting on the performance of high-bandwidth digital T1 facilities. The ClearView System delivers decision support for continuous improvement through proactive prevention of problems, replacing after-the-fact remedies which are more expensive and substantially less effective. ClearView Systems are currently helping major corporations such as AT&T, Boeing, Fidelity Investments, GTE, MasterCard and Northern Tele-

Chipcom Corporation

ONdemand Switch Central

118 Turnpike Road
Southborough,
Massachusetts 01772
USA

Tel: 508-460-8900
Fax: 508-490-5696

Provides configuration and monitoring of Chipcom's switching products and workgroups.

Solaris version: SunOS 4.1.3
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Uses Agent API, Requires Solstice SNM to run

Cisco Systems

CiscoWorks™

170 W. Tasman Drive
San Jose, CA 95134 USA

Tel: 408-526-4000 or
800-553-6387
Fax: 408-526-4100
Internet: jiturner@cisco.com

CiscoWorks is a comprehensive suite of applications for monitoring, diagnosing, configuration and software management for Cisco internetworks. Used with the Cisco Internetwork Operating System (IOS)™, it delivers end-to-end network management.

Solaris version: SunOs 4.1.3, Solaris 2.4 (Summer 95)
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Requires Solstice SNM or Solstice EM to run

Cisco Systems

Workgroup Director

170 W. Tasman Drive
San Jose, CA 95134 USA

Tel: 408-526-4000 or
800-553-6387
Fax: 408-526-4100
Internet: jiturner@cisco.com

Workgroup Director is a simple Network Management Protocol (SNMP)-based network management software tool. Workgroup products can be monitored and controlled using an intuitive graphical user interface. Workgroup Director runs on leading UNIX workstations as a standalone application, or it may be integrated with SNMP-based network management platforms, providing a seamless, powerful management system.

Solaris version: SunOs 4.1.3, Solaris 2.4
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Requires Solstice SNM or Solstice EM to run

Castelle

LANPress/JetPress

Castelle LANPress network print servers support printers attached to Ethernet or Token Ring networks in Novell IPX/SPX and Unix TCP/IP environments. The print server contains a complete SNMP agent. The installation and management software for the print server is being converted from a proprietary application into an SNMP application compatible with the major SNMP Consoles, including Solstice SunNet Manager .

3255 Scott Blvd. # 3
Santa Clara, CA 95054
USA

Tel: 408-496-0474
Ext. 237
Fax: 408-496-0502

Solaris version: 2.3, 2.4
Solstice application/version:
Types of integration: Console Menu Interface, Uses Agent API

Chipcom Corporation

ONdemand LANconnect Manager

ONdemand LANconnect Manager is a graphical software application for managing the inter-networking modules in Chipcom's intelligent switching hubs. It enhances the advanced capabilities of these devices to help you manage your enterprise network more efficiently. Using the industry-standard Simple Network Management Protocol (SNMP), you can reconfigure the module, including filtering options and spanning tree operation "on the fly." LANconnect Manager integrates with Chipcom's ONdemand Network Control System (NCS) and industry-leading host management platforms to provide simultaneous views of network activity. Platforms supported by this application include Solstice SunNet Manager , HP OpenView and NetView/6000. This integration allows you to control your enterprise network from the workstation screen without visiting the wiring closet.

118 Turnpike Road
Southborough,
Massachusetts 01772
USA

Tel: 508-460-8900
Fax: 508-490-5696

Solaris version: None - SunOS 4.1.3
Solstice application/version: Solstice SNM 2.2
Type of integration: Console Menu Interface, Requires Solstice SNM to run

Chipcom Corporation

ONdemand Network Control System

Chipcom's ONdemand Network Control System (NCS) is an interactive, graphics-based software package for managing Chipcom devices from most popular industry network management platforms, including IBM's NetView/6000, Hewlett-Packard's HP OpenView, Sun Microsystems' Solstice SunNet Manager , Digital Equipment Corporation's POLYCENTER, as well as Microsoft Windows-based management stations (which is available in both desktop and laptop versions).

118 Turnpike Road
Southborough,
Massachusetts 01772
USA

Tel: 508-460-8900
Fax: 508-490-5696

Solaris version: 2.3
Solstice application/version: Solstice SNM 2.2.2
Type of integration: Console Menu Interface, Uses Agent API, Requires Solstice SNM to run

Calypso Software Systems, Inc.

ATRIUM™

One Sundial Avenue,
Suite 410
Manchester,
New Hampshire 03103
USA

Tel: 603-669-3377
Fax: 603-669-3380
Internet:
support@calsof.com

ATRIUM EMS -- Expandable Management System -- is designed for the complete management of the enterprise computing environment. Since its inception, ATRIUM has been architected to handle the distributed nature of the system it is intended to manage. Apart from its native ability to manage systems, and the applications that run on those systems, ATRIUM is user extensible.

The user interface, provided by the ATRIUM Graphical Interface (or the client), is responsible for presenting a window into the heterogeneous systems being managed. These clients may be run on any UNIX workstation and a number of PC-based platforms. There may be multiple clients connected to the ATRIUM Central Manager (or the server). The server is a collection of processes responsible for connecting to and managing each of the ATRIUM agents. Through the client, multiple servers may be monitored to distribute the processing load.

The intelligent agent is one of the main ATRIUM components. A management system can connect to these agents to receive collected data. Since the agent has the ability to communicate over SNMP (v1/v2), RPC, and EPI, these agents may be managed by any management system supporting any of these protocols, either individually or inclusively. If multiple management systems are used, one management system is required to be designated as the primary management system. This allows the intelligent agents to resolve conflicts that may be entailed between management systems.

Within the agents are Management Options (or MOs). MOs, for example, may be monitoring of the CPU, memory, local/remote file systems, applications, thresholds, etc. or CDMOs. Through the ATRIUM toolkit, customers have the ability to develop their own CDMOs. CDMOs may be simple scripts to perform backups, monitoring in-house projects, or any area that the user deems pertinent. All the data to be updated is logged to the High Performance Data Cache and Data Repository.

Throughout all of ATRIUM, Calypso's philosophy of Policy Based Management™ is used. Policy Based Management technology allows the user to apply management policies across systems. For example, through a policy defined for CPU monitoring, one could define a percentage of CPU used, and ATRIUM would watch for this threshold violation across multiple systems contained within a policy group, from Sun workstations to PCs. Using a non-policy based management technique, a user would be required to update or modify each system independently.

Solaris version: 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2.2
Type of integration: Uses Agent API and Database API

Cascade Communications Corporation

Cascade View

5 Carlisle Rd.
Westford, MA 01886 USA

Tel: 508-692-2600
Fax: 508-692-9214

Network Management Station for Cascade Multi-ServiceNetwork (Frame Relay, SMDS and ATM) providing backbone for CDPD.

Solaris version: 2.3, 2.4
Solstice application/version: Solstice SEM
Types of integration: Console Menu Interface, Data File Integration, Uses Agent API, Uses Manager API, Requires Solstice SNM or Solstice Enterprise Manager to run

BIM Networks

Proxy Agents Library

BIM Networks offers a set of proxy agents for non SNMP network devices and masters the technology to build custom-made proxies providing the following functionality:

Kwikstraat 4
B-3078 Everberg
Belgium

Tel: 322-759-5925
Fax: 322-759-4795

- Proprietary management protocol translation
- Intelligent polling scheme
- Configuration management
- Graphical management applications

Solaris version:
Solstice application/version:
Types of integration: Uses Agent API, Uses Manager API

Bridgeway Corporation

EventIX MapSync 2.0

MapSync 2.0 is an EventIX off-the-shelf application that synchronizes object and network topology mapping functions across dissimilar platforms under the SNMP management protocol. With MapSync 2.0, Solstice SunNet Manager users can not only share topology and event information among multiple Solstice SunNet Manager systems, but also have these systems interact and share map and event information with HP OpenView and IBM NetView for AIX systems. They can send synchronized maps from one Solstice SunNet Manager platform to any other platform without having to re-discover the network. Manual changes from one map are incorporated together with filtering criteria so that transmitted maps can be customized and tailored to each operations environment.

8585 154th Avenue, N.E.
Redmond, WA 98052

Tel: 206-881-4270
Fax: 206- 861-1774
Internet: ben@server.bridge-way.com

Changes in object status or changes made to topology maps can be automatically and simultaneously sent to any other of the above-named managers. MapSync can also generate an audit trail on all operations performed.

Solaris version: 2.4
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Uses Manager API, SNMP Port, Requires Solstice SNM to run

APOGEE Communications

SNMprofiler

Parc Club Orsay Universite
28 rue Jean Rostand
91893 Orsay, France

Tel: 33.1.69.85.56.47
Fax: 33.1.69.85.56.48
Internet:
caleff@apogee-com.fr

SNMprofiler is a set of tools that helps the administrator to ease the handling of changes in the databases. They are all based on user friendly panels. SNM2Data enables the administrator to build a map using existing data such as inventory text files, and to update properties or agents for existing icons. It may be used to automate changes for multiple properties for multiple components in just one action or for automatic changes of SNMP community names. SNM2Data enables the administrator to extract data from the various Solstice SunNet Manager files and logs and to format them in order to be used by standard word-processors and spreadsheets.

Solaris versions: all Solaris 1.x and 2.x releases
Solstice versions: Solstice SNM 2.2 and 2.2.2 (Solstice EM: 3Q95)
Types of integration: Console Menu Interface, Data File Integration, Uses Agent API, Requires Solstice SNM or Solstice Enterprise Manager to run

Auto-Trol Technology

KONFIG

12500 Washington Street
Denver, Colorado 80241
USA

Tel: 303-452-4919
Fax: 303-252-2249
Internet:
Konfig@auto-trol.com

KONFIG is an enterprise-wide physical network management application for data, voice, or video networks featuring:

- An integrated relational database to document network objects, their arrangement, connectivity, descriptions, and other attributes.
- A graphic engine to depict the network(s) on the screen. Supported representations of the network include logical, physical, facility and device views.
- Graphical and database tools to perform network layout and updates including network additions, moves, and/or deletions.
- Advanced cable management functions that allow the user to represent and manipulate network connections at the circuit level.
- Cable/Premise Wiring management inside and outside plant.
- Automatic circuit definition, including allocation of conductors. Automated forms-based service request processing and tracking, including work order generation.
- Extensive bulk data load capabilities.
- Integration of KONFIG and the industry leading network management platforms.
- Integration of KONFIG and industry leading trouble ticket systems.
- Support for industry standards including SNMP and the X-Windows System.
- An in-house staff of qualified integration personnel to assist in network design and installation, system implementation and training, and overall project management.

Solaris version: 1.1 and 2.3
Solstice application/version: Solstice SNM 2.2.2
Type of integration: Console Menu Interface

American Power Conversion

PowerNet SNMP Adapter

132 Fairgrounds Road
West Kingston, RI 02892
USA

Tel: 800-788-2208 or 401-789-5735
Fax: 401-789-3710
Internet: www.apcc.com

APC's PowerNet SNMP Adapter used in conjunction with Solstice SunNet Manager provides a complete power monitoring solution including an SNMP Agent and the PowerNet SNMP MIB which are compatible with the SNMP MIB II Definition (UPS cables are also included).

The PowerNet SNMP Adapter is an ideal solution for monitoring APC Uninterruptible Power Supplies (UPS) that protect inter-networking equipment, such as routers, bridges, and hubs. With the PowerNet SNMP Adapter, inter-networking equipment administrators now have the same level of power monitoring and control that has traditionally been available only for file servers and workstations.

Administrators can integrate the management of their UPSs and electrical power into the Solstice SunNet Manager system they are using to manage their enterprise network. Power problems that generate alarms (traps) anywhere in the enterprise can be reported to one or more central Solstice SunNet Manager management stations. Furthermore, administrators can interactively monitor, manage, and customize attached APC UPS systems using standard SunNet Manager tools.

The PowerNet SNMP Adapter is compatible with the entire Smart-UPS and Matrix-UPS Series of intelligent link-interactive UPSs ranging in size from 250VA to 5000VA. The Smart-UPS line includes rack-mount and extended-run models.

Solaris version: 2.3, 2.4
Solstice application: Solstice SNM 2.2 and Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Uses Agent API, Writes directly to the PMI (Solstice Enterprise Manager), Data File Integration, Uses Manager API

APOGEE Communications

AgentView

Parc Club Orsay Universite
28 rue Jean Rostand
91893 ORSAY, France

Tel: 33.1.69.85.56.47
Fax: 33.1.69.85.56.48
Internet:
caleff@apogee-com.fr

AgentView is an advanced user-friendly graphical supervision tool which allows the administrator to obtain an immediate and intuitive evaluation of the configuration of the supervised unit through a detailed graphical view of the devices. The same generic graphical interface may be used for any SNMP equipment. Pop-down menus linked to a circuit board or a device port offer an extended choice of an action on this device like the configuration parameter display. The administrator can create his own menus in order to integrate his own applications. AgentView is open and completely integrated into the administration platform and uses all its resources. The administrator can simply launch AgentView through a standard icon for the managed equipment. The object oriented query library is structured support SNMPv2 and other management protocols.

Solaris versions: SunOS 4.1.3 and 4.1.4, Solaris 2.3 and 2.4
Solstice versions: Solstice SNM 2.2 and 2.2.2 (Solstice EM: 3Q95)
Types of integration: Console Menu Interface, Data File Integration, DOES NOT require Solstice SNM or Solstice Enterprise Manager to run

Allerion Inc.

SUPPORTlink

717 Ridgedale Avenue
East Hanover, NJ 07936 USA

Tel: 201-887-1000
Ext. 2385
Fax: 201-887-9546

SUPPORTlink services helps companies monitor, manage, control, and optimize networks and desktop systems through a spectrum of network management tasks:
Fault management: detecting network faults on managed devices; isolating and resolving the faults in the shortest amount of time possible. Performance management:
monitoring performance of managed network devices to determine device thresholds and performance bottlenecks. Change management: providing information to assist in the adding, moving, or deleting of nodes, lines, data-paths, and access devices.
Security administration: reviewing network security, such as user rights, file access and resource access, during system audit and periodic reviews. Resource administration: maintaining an inventory database of managed devices to aid in the diagnosis of network events and assist in the detection and resolution of network faults SUPPORTlink manages all or part of your environment including: servers, peripherals, hubs, bridges, routers, and desktops. SUPPORTlink service is non-obtrusive and can co-exist with SunConnect's Solstice SunNet Manager management platform. SUPPORTlink is offered in two ways: On-Site - Allerion will integrate the SUPPORTlink Network Control Center and the associated management tools on your site, train your personnel in its operation and provide on-going support. Remote - A service bureau approach that allows you the ability to provide first-rate network support without investing resources in network management tools.

Solaris version:
Solstice application/version:
Types of integration: Console Menu Interface, Data File Integration, Uses Agent API, Uses Manager API

Alcatel Bell

SNA-Expert

Excelsioriaan 44-46
B-1930
Zaventem, Belgium

Tel: (322) 718-7080
Fax: (322) 718-7000

SNA-Expert is a software product from Alcatel Bell that integrates the standard functions of Solstice SunNet Manager with management functions for SNA networks. The principal features of SNA-Expert are the automatic discovery of the SNA network configuration and its incorporation into Solstice SNM views, and the fault and alarm reporting based on high level filtering and correlation principles.

SNA-Expert is a software chain, consisting of:
• SNM-Bridge, a software installed on every SNA host, that collects configuration and event information from VTAM and/or NetView, and is able to emit VTAM or NetView commands.
• SNM-Expert SNA, a software installed on Sun to communicate with the NM-Bridges, exchange command/ replies, and correlate the SNA management information.
• SNM-Bridge is the software agent running on Sun responsible for the interaction with the Solstice SNM applications.

The principal characteristics of SNA-Expert are the following:
• Automatic discovery of the SNA configuration at startup, and incremental adaptations afterwards. SNA recognized objects include SNA networks, hosts, cross domain resource managers and resources, PUs (including SSCP and NCP), LUs (including applications), major nodes, lines, link stations, transmission groups, and routes.
• Pre-defined, but freely configurable icon and view representation of the SNA network components, integrated in the existing Solstice SNM view framework.
• Collection, filtering and correlation in time and place of VTAM messages and/or NetView messages. Together with this goes the generation of high-level traps for the SNA network elements where problems appear. Those traps are uniformly treated in Solstice SNM, so that display and log services are fully available.
• A summary window allows for an overview of the actual SNA problems, and a consistent treatment of those problems.
• A command window allows a launch VTAM and NetView commands (accessible in a menu).

As an option this software can be extended. New filtering and correlation rules can be defined or other alarms can be considered (e.g. application alarms).

In the SNA network, an NM-Bridge software has to be installed and configured on each host. Currently, the NM-Bridge runs on the MVS operating system.

The connection between SNA network and the Sun machine is done through a LU6.2 session with one of the NM-Bridges. For this, an SDLC line, or token ring connection has to be configured on the Sun, and in the SNA network. The Sun machine must be a SPARC, with color screen, 64 Mb of main memory, at least 120 Mb of swap space and 100 Mb of free disk space for software installation. Moreover, the Sunlink SNA Peer-to-Peer communication software (LU6.2) is required.

Solaris version: 1.1 (will be 2.3 Q4/95)
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Uses Agent API, Uses Manager API, Requires Solstice SNM to run

Accugraph

Accugraph MT923 Physical Network Management

5822 Cromo Drive
El Paso, Texas 79912 USA

Tel: 800-678-1061 or
915-581-1171
Fax: 915-585-5600
Internet:
info@accugraph.com

Accugraph's MT923 Physical Network Management software product provides network management professionals with complete physical network management information. Floor plans, maps and additional graphics are dynamically linked with the Oracle RDBMS and logical network management platforms including Solstice SunNet Manager. The system provides asset tracking, cable and connectivity management, and serves as a repository for network documentation. Following are the key features:

- Database driven graphics generation
- Bi-directional link between graphics and RDBMS
- Point-and-click SQL query generation
- Easy Ad-hoc reporting capabilities
- Open API for linking external data and applications
- Integrated spreadsheet for decision support
- Links to Remedy ARS, Legent Paradigm HelpDesk Solutions

Solaris version: 2.3 and 2.4
Solstice application/version: Solstice SNM 2.2.2
Types of integration: Console Menu Interface, Data File Integration, Uses Manager API

ALANTEC

PowerSight

70 Plumeria Drive
San Jose, California 95134
USA

Tel: 408-955-9000
Fax: 408-955-9500

PowerSight graphically manages the PowerHub family of intelligent switching hubs which provide up to 240 Ethernet and 16 FDDI segments, multiprotocol routing, VLAN support, up to 3.2 Gbps of expandable backplane bandwidth with future support for 100 Mbps Ethernet and ATM connections. PowerSight enables network managers to control the PowerHub's tight integration of hub, bridge and router features, manage bandwidth distribution and allocation, monitor segment utilization and create dynamic Virtual LAN infrastructures from a single location with simple point and click operations. PowerSight communicates with the PowerHub's embedded SNMP MIBII agent. ALANTEC Corp., based in San Jose, designs, develops, manufactures, markets and supports intelligent switching hubs for Ethernet, FDDI and ATM local area networks. ALANTEC's PowerHub family of products increases network performance by reducing network congestion and increasing packet-forwarding capacity. The PowerHub family of products provides LAN managers with centralized network management tools, preserves the enterprise's investment in existing networking and information processing equipment and provides a migration path to evolving networking technologies.

Solaris version: 2.3
Solstice application/version: Solstice SNM 2.2.2
Type of integration: Console Menu Interface

Configuration Management