



SyAM Software Server Monitor

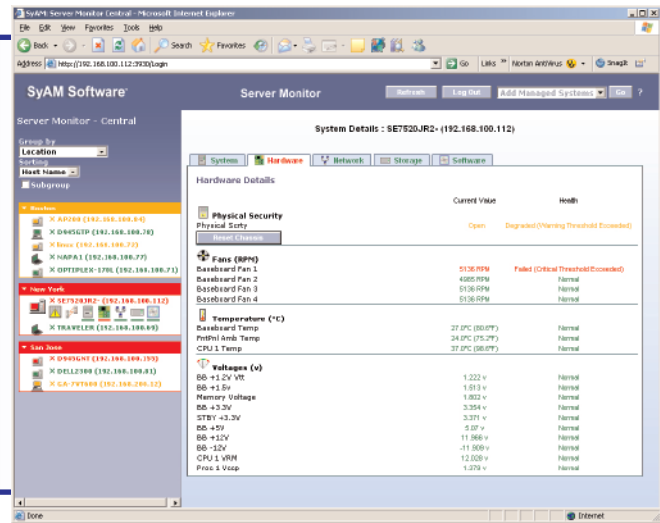
A single tool that runs on all your hardware platforms, to centrally manage all your server and storage assets.

What does SyAM Server Monitor do?

Servers run your most critical applications and store your key data, but are commonly left un-monitored. They're running blind with no form of predictive alerting on operational issues that could cause costly downtime.

SyAM Server Monitor, installed on and running on your servers, provides real-time monitoring of a broad set of operational sensors that correspond to a servers' optimal performance. With Server Monitor's proactive management capabilities, warning and critical alerts assist administrators in pinpointing the root cause of the problem before downtime occurs. Let SyAM become your "second set of eyes," alerting you to developing issues within system and storage resources.

- **Asset Monitoring and Reporting**
- **Supports Multiple Brands of Server Hardware**
- **Windows and Linux**
- **Full Remote Management Through Your Browser**
- **Integrated RAID Management**



What are the key benefits?

A single tool to manage across server brands

SyAM provides a a single user interface to manage your multiple brands of server hardware running Windows and Linux. All systems and storage resources are managed through a web browser from anywhere on the network.

Simple to deploy and use

Our software includes everything you need. In fact, with no other application to install, SyAM Server Monitor will be loaded, configured and running in as little as five minutes. The monitoring agent dynamically discovers your servers' operational environment, setting default thresholds and notification options so you don't need to spend time configuring. Open up a web browser from any system, log in and configure your email. It's that simple.

The intuitive user interface virtualizes the data and options relative to the system hardware, making it easy to use without any formal training required.

Comprehensive Storage Management

From physical disk presence and health, to logical disk utilization, Server Monitor substantially increases

your efficiency in managing your server's storage resources. Through this single user interface you can see all of your storage under one screen, including the ability to manage different brands of PCI RAID controllers. Its proactive monitoring and common alerting ensures you are constantly and thoroughly informed on the state of these vital operational resources.

Asset Discovery and Management

Server Monitor automatically discovers your hardware and software assets, and notifies you of any changes through alerting and event logging. Server Monitor enables detailed asset reporting including user-defined data such as values, physical locations, or job function, to streamline year-end financial reporting requirements. Produce asset reports showing historical issues, allowing you to pinpoint problem systems to reduce maintenance contract costs. Manage future expenditures and provide detailed information to business units for budgetary and chargeback purposes. Server Monitor enables proactive budgeting for technology refreshing of your environment with the click of one button.

Central Management Features

Asset Monitoring

—Software/ Hardware change tracking

Remote Console

Remote Management

- Shutdown / Restart
- Wake on LAN
- IPMI Over LAN

Centralized Alerting

- Notifications via Email / SNMP
- Asset / Inventory Reporting
CSV/HTML/XML output
- LAN Alerting Support (PETs)
- System Absence

Management Event Log

- Performance Snapshot Event Detail
- Filtering
- Output to file

Compatibility

SyAM's cross-platform management architecture and vendor partnerships allow for the utilization of a multitude of management standards and vendor APIs, providing maximum management flexibility in delivering the software's features and functions.

Management Standards Utilized

SMBUS, IPMI 1.0, 1.5, 2.0, SMBIOS, AMT, ASF, DMI, SNMP, PET 1.0, vendor proprietary APIs

Architectures

IA32 (x86)
EM64T (x64)
Itanium2 (IA64)

Hardware Platform Vendors

Abit, Acer, Ampron, Aopen, Asus, Biostar, Compaq, Dell, ECS, FIC, Fujitsu Siemens, Gigabyte, Hewlett Packard, IBM, Intel, MSI, Quanta, Soyo, SuperMicro, Tyan, Wistron, other vendors pending.

RAID Vendors

3Ware (AMCC), Adaptec, Intel, LSI Logic, other vendors pending.

Operating Systems

Windows 2000 Professional, XP Professional, 2000 Advanced Server, 2003 Server
Redhat Enterprise Server, Workstation Desktop
SuSE Enterprise Server, Professional
Novell Linux Desktop
Fedora Core

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The Result

SyAM Server Monitor is more than just monitoring fan speeds or giving you an asset audit report. Server Monitor keeps you up to date on your servers' complete operation including:

- Alerting you to pending issues that could affect availability;
- Enhancing remote resolution capabilities across the entire network;
- Providing asset reports with change history and event analysis;
- Helping plan server upgrades and validation of maintenance renewals;
- Optimizing your IT budget.

SyAM gives you more control of your server resources, saves you time and money, and reduces your administrative pain points. With SyAM Server Monitor you have true and complete **System Area Management**.

Management Features

	Local System Management	Enhanced when Centrally Managed
Environmental Monitoring	✓	✓
Network Connectivity	✓	✓
Storage Monitoring	✓	✓
Power Management	–	✓
PCI RAID Configuration Management	–	✓
Performance Monitoring	✓	✓
Remote Service/Process Control	–	✓
Email Alerting	✓	✓
Network Message Alerting	–	✓
Enterprise Integration (SNMP Traps)	–	✓
MOM Integration (System Event log)	–	✓



SyAM Software's Server Monitor is optimized on Intel® Pentium® 4 with Hyper Threading Technology and Intel® Xeon™ Processors, providing end users with a single tool to manage all their Intel Platforms

Authorized SyAM Solution Provider



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