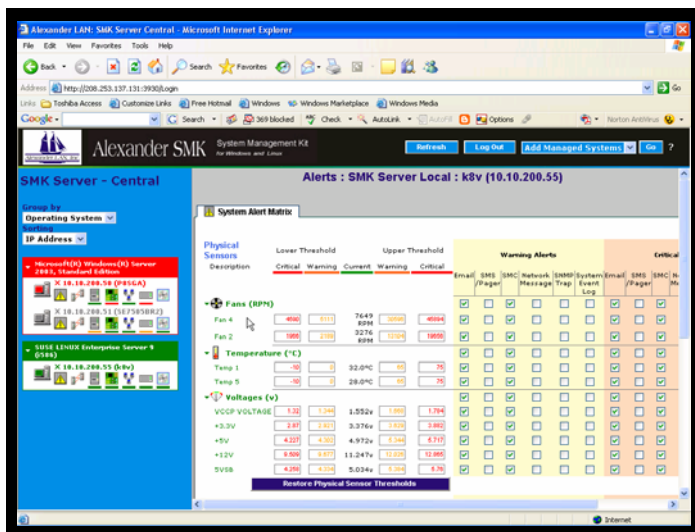


## Pro-active System Management



Alexander SMK's browser-based interface simplifies pro-active system management across different brands of systems from virtually any location

### Pro-active Monitoring Prevents Unplanned Downtime

Prevent failures across systems and storage subcomponents with Alexander SMK by learning in advance when conditions degrade. If a server's memory has multiple bit errors, it tells IT before data is corrupted. If a hard drive is running low on space or is pending a hardware failure, it alerts IT before problems result. If a RAID drive fails, rebuild the array remotely. If fan speeds slow below threshold or CPU rising temperature risks a system shutdown, it warns IT before it happens. Change-event notification warns of software and hardware changes. Power Management feature reduces electricity costs by up to 75%. Vendor-agnostic technology and a browser-based interface simplifies management across multiple brands of systems and enables management from virtually any location. The SMK installs in minutes, configures itself, and begins reporting the system's state in about 60 seconds.

### SMK Provides Data Other Management Utilities Can't

Most system management utilities gather system state data but fail to report real-time variable data needed to avoid critical system failures. State data contains configuration information on the hardware and the operating system. Real-time data contains operating metrics such as CPU or memory overload, fan spin rates, or whether the drive is failing or running out of space. Most management applications are limited to state data because acquiring the real-time variable data requires low level driver technology specific to each operating system and the drivers need to interface with all of the different hardware vendors and the many management interfaces. Additionally, the range of management interface initiatives from Intelligent Platform Management Interface (IPMI) on enterprise servers to the Wired for Management (WFM) on desktops complicates development further since each vendor has their own unique implementations for each of their hardware platforms. SMK is not hindered by these issues. Its drivers discover, monitor and present both state data and real-time data and it does so in a unified manner so they only present the data and function that are valid for the hardware it is installed on.

### Single Interface Simplifies Management Across Systems

The SMK provides a single, browser-based user interface to manage all systems. Just open IE or Firefox and login. Then, whether you view an entry-level notebook, a high end Quad Xeon™ server, or a storage device, the screen will dynamically adjust itself to present data specific to that system without leaving the single browser session and without altering the look-and-feel.

### Simple Installation Auto-Configures

Installing the Alexander SMK can be done in 5 minutes. It automatically discovers all sensors in the server, desktop, or notebook and it will automatically assign default alert levels. Just provide is an email or IP address for alerts, it will begin providing ROI by reporting system state data in 60 seconds.

### Manage Systems Remotely

Take over the keyboard, video, and mouse for any system as if you were sitting in front of it with the SMK's remote console management feature. From restarting or stopping systems or processes to updating drivers, SMK's remote management feature enables you to solve a host of problems and manage a range of systems without leaving your desk.

### Multi-Vendor Support

Today's IT departments must support systems from multiple vendors ranging from popular brands to white boxes. One key obstacle to administering them efficiently is management tools: they are proprietary and hard-coded to support a particular vendor's hardware, or they are non-existent. Unlike other management utilities, Alexander SMK works with all tier-one hardware vendors as well as many domestic and international IHVs.

### Change-Event Monitoring Warns of Asset Alterations

Knowing about changes to any system can be crucial, whether the changes are authorized or not. Every time a system is rebooted, or every 24 hours for systems continually running the SMK checks all assets and reports discrepancies in both hardware and software configuration. If someone partitions a hard drive, removes a memory stick, adds a second CPU fan, or installs a new application, it automatically discovers it and generates an asset change event. Administrators can specify what kinds of changes to report and whether it should be a warning or a critical alert.

### Event Log Provides Complete History

The Central Event Log stores every event monitored including hardware events, network events, storage events, performance events, asset events, and systems absent events. To locate systems that may be nearing their CPU performance capacity, simply query any system or group of systems for any period of time, click on "Retrieve", and all matching events will be displayed. All data can be exported to CSV format for use in Excel or XML for use in other applications.

### Full International Support

The SMK supports all operating system, languages supported by Microsoft and are designed for maximum flexibility to enable the addition of OS and User Interface language support. Upon installation, it automatically detects the language being used on the target system and if available defaults the user interface to that language. Additional languages are being added as new releases come out.

### Alert Notification

Although SMK dynamically discovers the environment and applies default notification settings, the user can edit these settings through a single screen. The Alexander SMK's color-coded, simple approach to health identification lets you spend more time managing your systems and less time managing the application.

For centralized administration, alerts can be further defined for the hierarchy of problem alerting through a single "Central Alert Matrix" screen. Administrators can configure alerts to be sent via different administrators based upon their category. These enable severe issues to be alerted to at the highest possible administration level all while local administrators are alerted about system level issues.

*All in all, the Alexander SMK is the most cost-effective, easiest to install and manage system management utility on the market. Contact Alexander LAN or one of our Authorized Resellers to try Alexander SMK on your systems.*

**Pricing:**

Alexander SMK is priced in tiers  
(see table at right)

- For additional information contact Alexander LAN or one of our Authorized Resellers
- Call or email to inquire about becoming an authorized Alexander LAN Reseller

SERVERS		DESKTOPS/ NOTEBOOKS	
up to 1	\$179	up to 5	\$195
3	\$537	10	\$390
5	\$895	25	\$975
10	\$1,790	50	\$1,950
15	\$2,685	75	\$2,925
25	\$4,475	100	\$3,900
50	\$8,950	150	\$5,850
100	\$17,900	200	\$7,800
200	\$35,800	250	\$9,750
300	\$53,700	300	\$11,700
400	\$71,600	400	\$15,600
500	\$89,500	500	\$19,500

TECHNICAL SPECIFICATIONS		SERVER	DESKTOP	NOTEBOOK
<b>System Architecture Support</b>	IA32 (x86) / EM64T (x64)	X	X	X
<b>System Management Support</b>	SMBUS / IPMI 1.0, 1.5, 2.0, PET 1.0	X	X	X
<b>Operating System Support</b>	<b>Windows:</b> XP, 2000, 2003 <b>Linux:</b> Novell SuSE, Red Hat, Fedora	X	X	X
<b>Security</b>	SSL 128-bit encryption	X	X	X
<b>Deployment Options</b>	Agent / Local / Central Management Levels	X	X	X
<b>Central Management</b>	Interface to all managed systems Centralized reporting / event logging	X	X	-
<b>Real-Time Monitoring</b>	Environmental / Connectivity / Performance Storage - physical and logical	X	X	X
<b>Remote Management</b>	Remote Console (KVM) Power Management - in-band and out of band	X	X	X
<b>Configurable Alerting / Notifications</b>	System and Central Levels Multiple Notification Options	X	X	X
<b>Inventory / Asset Management</b>	Hardware / software tracking and reporting	X	X	X
<b>System Information</b>	Hardware / software configuration information	X	X	X



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