

AS A SYSTEM MANAGER, ONE OF THE MOST POTENTIALLY DISASTROUS PROBLEMS YOU FACE IS DOWNTIME THAT AFFECTS YOUR COMPANY'S CRITICAL E-BUSINESS SYSTEMS. EVEN A BRIEF OUTAGE CAN MEAN HUNDREDS OF THOUSANDS OF DOLLARS OF LOST REVENUE. PLUS, IT CAN SEVERELY DAMAGE YOUR COMPANY'S REPUTATION. YOU NEED A SOLUTION THAT ENABLES YOU TO MAXIMIZE SYSTEM AVAILABILITY, ENSURE OPTIMAL PERFORMANCE, AND MINIMIZE DELAYS. A SOLUTION THAT ENABLES YOU TO DO MORE QUICKLY—WITH FEWER RESOURCES.

## SYSTEM HEALTH™

THE ANSWER IS SYSTEM HEALTH. IT'S THE FIRST SYSTEMS MANAGEMENT PRODUCT THAT CAN AUTOMATICALLY DETECT, ISOLATE, AND CORRECT PROBLEMS WITH HOST SYSTEM RESOURCES.

## SYSTEM HEALTH TECH SPECIFICATIONS

SystemEDGE 4.0

AdvantEDGE Point  
Top Processes 1.0

AdvantEDGE Point  
Service Response 1.1

## ARE ALL SUPPORTED ON:

Solaris 2.5+ (Sparc and x86)

Windows NT 3.51, 4.0  
(Intel and Alpha)

Windows 2000

HP-UX 10.x, 11.x

IRIX 6.2+

AIX 4.x

Digital UNIX 4.0d+

Linux 2.x (Red Hat 5.1+)

AdvantEDGE View 1.0

## PLATFORM:

Solaris 2.5+ (Sparc)

## COMMUNICATES WITH:

Any 3.1 or 4.0 SystemEDGE  
agents

## ACCESSIBLE USING:

Netscape or Internet Explorer  
Web browsers

From any PC, laptop,  
or UNIX workstations

System Health measures what matters. Do you have enough CPU/memory? What's your swapping/paging rate? Are the right Operating System version and patches installed? What about system security and log files? You get real-time access to the crucial data you need – so you can ensure smooth operation of your critical host systems. System Health gives you the power to automate management and free up human IT resources. It can also detect and resolve potential system problems before they even occur. The result? You can maximize system availability, quickly detect system faults, ensure proper configuration and software versions, capacity plan and prioritize projects — as well as focus on more strategic issues."

System Health is part of Concord's total eHealth™ solution, which combines best-of-breed products for services, applications, systems, and networks. eHealth delivers the next generation management software that enables effective e-business.

### System Health has three main components:

SystemEDGE™ resides locally on a host system, providing real-time application and system management. It generates detailed information about the host's configuration, status, performance, users, applications, file systems, and other critical resources. SystemEDGE operates autonomously to monitor critical processes, log files, and performance thresholds. It features a plug-in architecture, and is fully configurable and accessible via SNMP. SystemEDGE detects problems quickly, and in many cases can *automatically correct* problems before they impact users.

SystemEDGE provides extensive performance statistics that make it possible to identify slowdowns and resource shortages. Identify systems in need of upgrading and determine whether a system is CPU-, I/O-, or network-bound. SystemEDGE is self-healing: scalable, distributed management automatically detects and isolates system and application problems in real-time, and fixes them with corrective *Action!* This frees up valuable IT human resources, maximizes ROI, and minimizes costs.

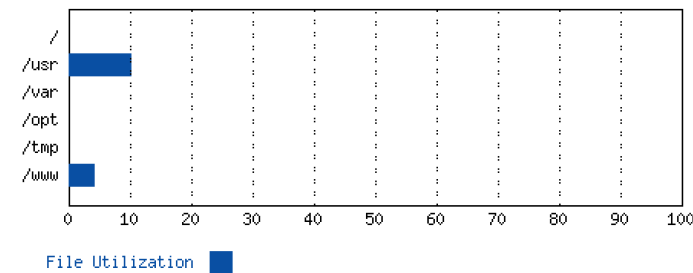
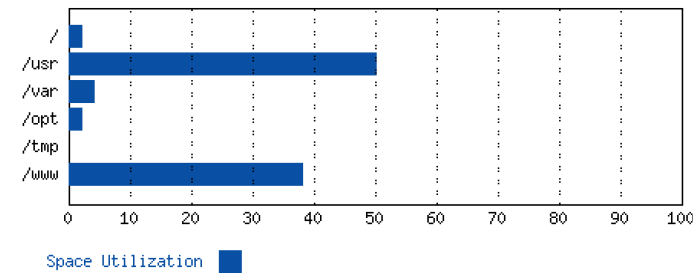
Plus, with the Extendable Agent feature, you can add your own MIB variables, leverage customized code you already own, and handle SNMP management of homegrown applications.

SystemEDGE also has NT Registry and Perfmon Extension Support: you can report on additional registry parameters and performance data without the need for external programs or scripts.

Despite all this, System Health has negligible system impact. It even runs on low-end desktop client machines (retail order entry, financial traders, etc.).

Filesystem Information for www

Index	Device	Mount Point	Type	Total MBs	% Space Used	Block Size	Total Blocks	Free Blocks	% Files Used	Total Files	Free Files
1	/dev/dsk/c0t0d0s0	/	ufs	1,452	2 %	1024	1,487,790	1,386,850	0 %	374,784	372,993
2	/dev/dsk/c0t0d0s6	/usr	ufs	2,104	50 %	1024	2,155,038	1,043,104	10 %	366,528	328,071
3	/dev/dsk/c0t0d0s1	/var	ufs	1,947	4 %	1024	1,993,806	1,837,310	0 %	499,712	496,880
4	/dev/dsk/c0t0d0s5	/opt	ufs	2,004	2 %	1024	2,052,750	1,948,042	0 %	350,592	349,532
5	swap	/tmp	tmpfs	642	0 %	8192	82,297	82,257	0 %	26,908	26,886
6	/dev/dsk/c1t0d0s0	/www	ufs	4,256	38 %	1024	4,359,086	2,645,009	4 %	553,728	529,628
<b>Totals</b>				<b>12,405</b>	<b>25 %</b>						



SystemEDGE Group At-a-glance Summary, all

"All Demo Systems"

Reporting on 9 systems

System	Type	OS Version	OS Release	CPU Type	NumCPU	Memory (MB)	Agent	System Location	System Uptime
aviewdemo	solarisSparc	Generic_106541-08	5.7	sun4u	1	262	4.0 PI 1	Empire World HQ	16 days, 14:54:28
mailserver	solarisSparc	Generic_106541-08	5.7	sun4u	1	262	4.0 PI 1	Machine room	16 days, 14:59:18
methealth	solarisSparc	Generic_106541-07	5.7	sun4u	1	196	4.0 Beta 2	Internal demo machine	21 days, 18:12:46
ntclient	nt40Alpha	Build 1381, Service Pack 1	4.0	ALPHA	1	98	4.0 PI 1	Empire Technologies, Inc.	18 days, 16:50:32
ntserver	no response								
unixclient	solarisSparc	Generic_106541-08	5.7	sun4u	1	262	4.0 PI 1	System location unknown	9 days, 18:43:02
unixserver	solarisSparc	Generic_105181-17	5.6	sun4u	1	262	4.0 PI 1	Machine room	16 days, 18:59:40
win2kclient	nt50Intel	Build 2072, Service Pack 0	5.0	i386/default	1	130	4.0 PI 1		10 days, 0:15:49
www	solarisSparc	Generic_106541-08	5.7	sun4u	1	262	4.0 PI 1	Empire World Headquarters	16 days, 15:01:43

Through AdvantEDGE View, System Health provides quick at-a-glance reports on systems and applications, disk and file system statistics, hardware/software inventories and so much more.

AdvantEDGE™ View is a graphical Web-based management console — the user interface from which all information generated by SystemEDGE can be seen. AdvantEDGE View is accessible locally or remotely (using any standard Web browser on a PC, laptop, or UNIX workstation). It lets technology managers display real-time status information about systems and application performance, memory usage, CPU utilization, disk and file system statistics, and more. Using AdvantEDGE View, you can easily manage and configure SystemEDGE agents, as a group or individually.

Powerful group reports deliver just the data you need. Want to know which filesystems are over 75% full? Which hosts have been upgraded to that new OS version? How much CPU "Application X" is using on every single one of your systems? AdvantEDGE View searches through systems and delivers the answers you need. In addition, AdvantEDGE View's fault management lets you handle real-time event notifications (traps) originating from SystemEDGE agents.

AdvantEDGE Point Top Processes, a plug-in module for SystemEDGE, comes with System Health. It enables SystemEDGE to report on those processes that are consuming the most CPU resources at any given time. With instantaneous detection and isolation of CPU-dominating processes, you can immediately re-allocate resources, ensuring high application availability and optimal performance. And, used with AdvantEDGE View group reports, Top Processes identifies the most CPU-intensive applications across all your systems, in an easy-to-digest, at-a-glance format.

## FEATURES AND BENEFITS OF SYSTEM HEALTH:

As a system manager, you need to ensure that host systems are up. That they're running at peak-performance. That they have enough CPU and memory resources. That the right security patches have been installed so you're protected from security violations. And most importantly, that you have control of your critical host systems. System Health lets you do just that.

### Self-Healing Capabilities:

Scalable, distributed management automatically detects and isolates system and application problems in real time, and fixes them with actions you have pre-defined. This frees up valuable IT human resources, maximizes ROI, and minimizes costs.

### Real-Time Statistics:

See the actual status of OS and applications, and detect and correct developing problems before they affect users.

### Self-Monitoring Capability:

It works 24 hours a day so you don't have to. Push tedious monitoring tasks down to the host — closest to where problems occur. Self-monitoring continuously watches changing conditions, alerting you to any problems. Moreover, it will automatically carry out your pre-specified instructions to fix problems — without you lifting a finger. Even if communication to the host system is temporarily interrupted, you're secure in knowing self-monitoring continues to detect and fix problems automatically.

### Process and NT Service Monitoring:

If critical system processes and services fail, you need to know. And you need to get them re-started — fast. System Health delivers maximum uptime. It immediately alerts you to failures and can automatically re-start processes and services. What's more, System Health lets you track system resource usage — identify CPU hogs, detect memory-leaking processes, and discover I/O bottlenecks before they bring down your system.

### System Security:

System Health helps you to secure your systems. System Health enables you to check that operating systems are up-to-date with the the latest security patches and service packs. It continuously monitors system logs for unauthorized access, and can see who's logged on at any given time. With System Health, you can detect unauthorized users — before they create problems.

### NT Event Monitoring:

NT Events are converted into SNMP traps that can be sent to any SNMP-compliant manager. You can monitor NT Event logs and filter events by type, identifier, or regular expression. By monitoring NT events, System Health can isolate and correct underlying operating system issues before they disrupt application performance.

### Asset Tracking:

A complete inventory of installed hardware devices can be generated automatically, eliminating the time-consuming task of asset tracking when renewing hardware support contracts. In addition, you can generate a list of installed software packages and operating system patches/service packs. Out of date software patches often lead to security issues. System Health can provide this key information automatically.

System Health is part of the award-winning eHealth solution suite, which provides the only integrated performance management solution across the e-business delivery chain, including applications, systems, services, and networks. The result is a powerful, end-to-end eHealth management solution that enables effective e-business performance.



The Total View™

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