



BUSINESS, NETWORK, SERVER & APPLICATION MANAGEMENT SOLUTIONS

Traverse

Zyrion's Traverse is a breakthrough Business Service Assurance application that provides real-time visibility into the performance of IT services. Traverse's innovative Business Container technology enables IT and business personnel to create unique virtual views of discrete business services, and makes the alignment of infrastructure technology with business outcomes a reality. Traverse facilitates decentralized remote infrastructure management that is pro-active and preventive rather than reactive, giving all employee-levels the control and information they require based on their specific responsibilities and permissions. Traverse provides an easy-to-use web-based user interface and is a distributed, scalable, real-time, and easy-to-manage platform.

BUSINESS SERVICE MANAGEMENT

Zyrion offers a Business Service Management / Monitoring (BSM) solution that is easy to use for large to mid-level enterprises. Zyrion's products are designed to align IT with the needs of the business by providing IT information that is relevant to managing the day-to-day operations of the business. Zyrion enables quick identification of impacted services (what is affected), trouble areas (where to look) and problem sources (what to analyze further).

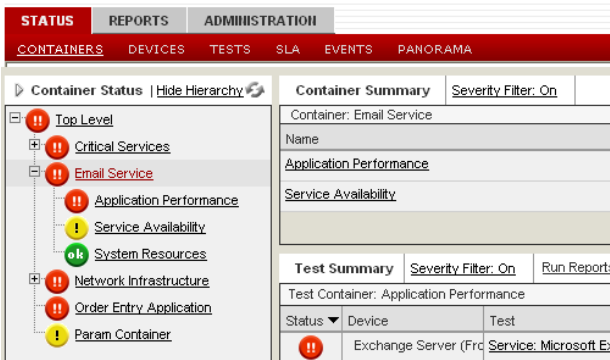
With Zyrion, process owners can directly monitor the health of their business services using a variety of real-time dashboards for IT services monitoring. Zyrion's Traverse offering presents a service oriented view of the IT infrastructure. Zyrion's Business Container technology is unique in its ability to automatically correlate the behavior of end services to the behavior of related networks, systems, and applications.

Solution capabilities include:

- Automatic container creation based on business rules
- Rules for defining redundancy and fault tolerance
- N-level nesting and drill-down capability
- Topology and dependency aware business containers
- Instant business visibility

Zyrion's BSM solution enables:

- Monitoring the performance of business services and their dependency on applications, networks, and servers
- Monitoring response times of service transactions simulating the end user experience
- Managing the infrastructure against service level objectives of business services



SERVICE LEVEL MANAGEMENT

Using Zyrion's Service Level Management (SLM) solution, your enterprise does not have to stop at just network or server SLAs, but you can monitor and track the performance of Business Services. Using the federated security model, you can create read-only logins for your customers and let them view the historical data and SLA reports directly for their own business services. Traverse stores historical data for several years and the flexible reporting engine allows you to generate SLA reports as and when needed so that you can prove and validate your SLA agreements whenever required.

Zyrion SLM allows you to report and track your Service Levels for services offered to customers and other departments.

Zyrion's SLM enables you to:

- Monitor and measure SLAs from a business service perspective
- Monitor compliance with customer SLAs
- Identify trends and avoid failures using proactive reporting
- Measure business impact

* SLA Measurement Name:

Comments/Description:

* Start Time: 2008 Aug 25 21:10

* Calculation Period: Monthly

* Calculation Frequency: 15 min

* Threshold: 95 %

* Schedule: Default Schedule

NETWORK MANAGEMENT

Zyrion offers an easy to use, network management product with integrated fault and performance monitoring capabilities.

Traverse offers users an enterprise-class software product with a scalable and extensible architecture that can be deployed within an hour and requires minimal training to use and operate.

Traverse can monitor large multi-vendor networks and provide real-time notifications on outages as well as offer instant drill down into historical performance reports for metrics such as bandwidth utilization. The topology discovery module quickly maps out the L2 and L3 relationships between all the switches and routers on your network to correlate network problems.

Traverse is scalable and designed to monitor every port on every hub, switch, router and server on any network, regardless of the network's size. It delivers a comprehensive view of how the entire network is performing and provides the ability to drill down and identify hotspots on the network.

STATUS REPORTS ADMINISTRATION			
SUMMARY ADVANCED CUSTOM MY REPORTS Logged in: demo1			
Save as PDF Document			
Description:	Technical Summary Report		
Time Range:	8/18/08 - 8/25/08		
Generated at:	Monday, August 25, 2008 5:47:06 PM MDT		
Top 10 Tests by Number of Events			
Network Device	Test Name	# of Events	Total Duration
Cisco Call Manager (Primary)	Active Phone Calls	Warning: 2114	2 days 11:24:56
		Critical: 1298	1 days 02:34:40
Cisco Call Manager (Secondary)	Active Phone Calls	2175	2 days 17:20:55
		0	00:00:00
Cisco Call Manager (Primary)	Packet Loss	726	2 days 03:59:56
		566	1 days 10:55:46
Cisco Call Manager (Secondary)	Packet Loss	737	2 days 03:22:12
		0	00:00:00
Wireless Gateway	Packet Loss	733	2 days 04:12:53
		0	00:00:00
Exchange Server (Frontend)	Packet Loss	729	2 days 02:03:01
		0	00:00:00
LAN Switch (1-128 Net)	Packet Loss	726	2 days 05:27:00
		0	00:00:00

Business Service Assurance

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APPLICATION MONITORING

Traverse monitors applications that drive the core business - CRM and ERP applications as well as customer and user-facing web sites - to identify the true cause of poor application performance. Making the switch from reactive to pro-active application monitoring is easy using Zyrion's application monitoring capabilities. Zyrion's Traverse allows you to work on addressing application slowdowns and failures before they start showing up on IT management consoles, or worse, impacting revenue generating business services.

Application monitoring using Traverse is much more than displaying isolated outages, as Traverse's unique Business Container technology gives you a service perspective so that you can answer questions such as:

- Your databases have unusually high transactions per second metrics and your servers high thread counts, but do you know what services such as Payroll or E-Commerce are affected?
- Your user-facing application is running slow, but which of its underlying components (application, server, router) is the cause?

Traverse monitors a wide range of applications, including Oracle, DB2, SQL Server, MySQL, Sybase, Lotus Notes, Exchange, Apache, Web Logic, and many more.

The screenshot shows a web-based configuration interface for an application profile. It has three main sections: 'Application Profile Name', 'Description', and 'Test Categories'. The 'Application Profile Name' section contains a list of application types, with 'BEA WebLogic' selected. The 'Description' section is currently empty. The 'Test Categories' section contains a list of specific performance metrics for BEA WebLogic, such as 'Number Of JMS Messages Stored' and 'Number Of JMS Messages Pending'.

Application Profile Name:	ADIC Tape Library APC UPS Alteon Load Balancer Amperion BPL Apache Tomcat Aventail VPN Appliance BEA WebLogic Blue Coat Security Appliance
Description:	
Test Categories:	(jmx) BEA WebLogic: Number Of JMS Messages Stored (jmx) BEA WebLogic: Number Of JMS Messages Pending (jmx) BEA WebLogic: Number Of JMS Messages Page (jmx) BEA WebLogic: Number Of JMS Destinations (jmx) BEA WebLogic: Number Of JMS Session Pools (jmx) BEA WebLogic: Number Of JMS Consumers (jmx) BEA WebLogic: Number Of Times Servlet Reloading (jmx) BEA WebLogic: Number Of Servlet Invoked

SYSTEMS MANAGEMENT

Zyrion's Traverse monitors a wide range of systems platforms including ESX, Linux, Solaris, AIX, Windows, Netware & AS400. Besides monitoring the basic OS metrics such as CPU, memory, etc., Traverse can monitor extended metrics down to the fan status on systems platforms.

Traverse Server Management solution capabilities include:

- Support for Solaris, AIX, HPUX, Tru64, Linux, Windows & OpenVMS
- Quick deployment and easy to use web UI
- Includes monitoring of power supply status, temperature, fan, etc.
- Syslog monitoring & Windows Event monitoring

Traverse can monitor your virtual server environment as an integrated part of an end-to-end monitoring solution, instead of using a separate, isolated monitoring system for virtual environments only. Traverse can monitor VMware ESX, VMware Server and Microsoft Virtual Server environments out of the box, and can automatically discover virtual machines and report on virtual server performance (in addition to the underlying physical servers).

Zyrion Traverse allows creating service containers which can monitor application response times and correlate that with the underlying storage components which are relevant to that application using its Business Container technology. Traverse can monitor your Fibre Channel network devices and paths to the storage and also the physical storage attached to these networks. Additionally, the trend reports can predict the days to reach thresholds for disk volumes helping in pro-active capacity planning and prevent costly downtime.

Zyrion can monitor applications & servers on Windows platforms without any agent requirements on each Windows server. This agentless solution offers low TCO and low administrative overheads in large Windows environments. Zyrion Traverse offers cross platform monitoring between Unix and Windows. You can install Traverse on a Unix platform and still monitor your Windows network and vice versa. The Web based UI can be accessed from any platform, thus providing a single monitoring solution for all your IT management needs.

Business Service Assurance



VOIP MONITORING

VoIP presents special IT challenges to meet the expectation that IP phones must work as reliably as traditional land lines. The network must meet exceptionally high quality and performance standards and you have to continue to monitor your network proactively even after deployment to ensure that network changes do not adversely impact the quality of VoIP.

Zyriion's Traverse rapidly identifies the cause of the problem using its built-in topology-aware root-cause engine. Auto discovery of customer networks and transactions simulation as well as current, historical and projected performance ensures a level of proactive VoIP management unmatched by other point solutions. Zyriion's unique "container" technology allows you to create 'Service Containers' to correlate all the underlying components of your VoIP network so that you can see the impact of any performance degradation directly on your VoIP service.

About Zyriion Inc.

Zyriion is a provider of BSM and IT infrastructure monitoring software. Zyriion was selected as Network World's Top 10 IT Management Companies to Watch in 2008. The company's business service container technology allows mid-level enterprises to more easily and effectively manage IT-enabled business processes and services. Zyriion's flagship Traverse solution, provides correlated, end-to-end network and server monitoring capabilities that link underlying applications and the IT infrastructure to business services. Zyriion has its corporate offices in Sunnyvale, California. For more information, go to www.zyriion.com or call +1-877-7-ZYRIION

Status	Events	Name	Device Health
!!		Exchange Server (Backend)	
!!		Cisco Call Manager (Secondary)	
!!		Operator Station	
!!		Demo Traversal Server	
!!		Distributed Sniffer Probe	
!!		Email Relay	
!!		Cisco Meeting Place	
!!		Piano Corp Router	
!!		Cisco Call Manager (Primary)	
!!		Oracle 10g Database	
!!		Web/Application Server	
!!		Exchange Server (Frontend)	
!!		LAN Switch (1-128 Net)	
!!		WAN Router	
!		Wireless Gateway	

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