



- Datacentre & Server Monitoring, Scalable Network Monitoring and Hybrid Cloud and performance Monitoring
- Correlated and service-oriented view of the IT infrastructure, and links the underlying IT infrastructure to the supported business services and processes.
- Management, Network configuration and change management for unified monitoring for hybrid cloud environments as well as legacy IT infrastructure.
- The unique object-oriented Service Container technology links applications and underlying infrastructure to IT services in a quick and automated a collection of objects as an IT service, by allowing users to create IT service models based on the redundancy, as well as the underlying L2/L3 topology relationships, of IT services, and then create SLAs to monitor performance.
- Monitoring of public and private cloud environments such as AWS, vCloud Air, Azure, VMware, HyperV, Xen, UCS, vBlock and FlexPod environments.
- Automatically discovers virtual-machine and hypervisor dependencies and tracks virtual machines as they move across hypervisors. Traverse offers a multi-environment, scalable and rich platform for monitoring both public and private cloud environments, with features that allow troubleshooting performance degradation of services across hybrid cloud networks.
- Seamless drill-down from system- and device-level monitoring to troubleshooting and analysis using flow and packet data and drill down from a high-level service container view to the specific host that is consuming the bandwidth or resources.
- Unique monitoring product that combines a high-level service monitoring platform with powerful flow-based troubleshooting capability for the fastest mean time to resolution.
- Predictive data analytics capability defining the behaviour of IT components over time and automatically adjusts alert thresholds to reduce noise and isolate the root cause of performance
- Scalable, Distributed Processing Architecture fully distributed, real-time architecture that can scale to millions of metrics without performance degradation. It supports a distributed processing and data storage model with no centralized data warehouse which is a traditional bottleneck in other products.
- High availability, redundancy and automation to allow scaling to very large monitoring environments are built into the architecture.
- Correlation and Root Cause Analysis Engine with advanced root cause analysis (RCA) features that extend beyond traditional network level analysis.
- Root cause analysis engine is based on a Service Model designed for analyzing end-to-end business impact instead of just stopping at the network layer.
- Real-time alarms are triggered based on approaching maximum capacity, traps, log messages, user defined maintenance, and other criteria taking into account the complex relationships between IT elements for delivering distributed applications.
- Log and Event Manager captures processes, archives and displays a variety of events
- SLA Monitoring and Measurement supports specification of SLAs for services and infrastructure in terms of defined metrics, such as, availability, latency, Committed Information Rate (CIR) and measures compliance against defined SLAs, and provides reports.
- Topology Discovery and Mapping automatically discovers applications, networks, servers, and systems on initial discovery, and the relationship between the different L2/L3 devices using technologies such as CDP, DHCP, ARP, ICMP, and route tables. I
- Build a hierarchical topology map between your network devices such as switches, routers, VLANs, and older generation bridges and hubs and includes an unmatched component template and signature library for IT infrastructure.

- Users can create visual relationship maps between services and infrastructure, enabling better problem isolation and root-cause analysis and includes an integrated, multi-tenant NCM module that supports a wide variety of network routers, switches, firewalls and load balancers for configuration management backup and restore.
- Real-Time and Historical Reporting retrieves data upon request and generates reports and views based on the actual state of infrastructure. that provide short-term and long-term trend plots of imminent violations, and customized reports for fault, performance, threshold, message and inventory.
- Application Process Monitor monitors the health of servers and if individual for rapid analysis in the case of performance degradation of applications.
- The application process monitor allows comparison and trend analysis reports of similar processes (e.g. Exchange, SQL Server, Oracle, Apache) across multiple machines, and the Composite Metrics feature allows calculating aggregate resource utilization of specific applications in your environment.
- Support for Wide Range of Infrastructure and applications, cloud and network infrastructure. This includes (Oracle, SQL Server, DB2, MySQL, Exchange, Apache, WebLogic, etc.), servers (Linux, Solaris, HP-UX, Windows, Novell, etc.), network devices (Cisco, Foundry, Juniper, Avaya, Amperion, etc.), firewalls, content delivery systems, storage infrastructure, fixed wireless nodes, VoIP infrastructure, and environmental management components.