

Sun and InfoVista

Maximize business return through proven proactive service assurance



Datacenter managers are faced with increasing server sprawl, spiraling costs, and business pressure to ensure the performance of increasingly complex services and applications. Without the right tools, IT teams struggle to get ahead of service quality problems, and have difficulty matching resource allocations with business priorities. Together, InfoVista and Sun provide visibility into the performance and utilization of the entire server infrastructure—enabling IT organizations to meet consolidation objectives while helping to ensure optimal delivery of datacenter services.

Highlights

- Manage and minimize IT complexity to optimize staff productivity and get ahead of server and application performance problems
- Become more competitive by enabling faster and less risky deployment of new technologies and services
- Identify and address service quality issues before they cause service level (SLA) violations
- Increase resource utilization through virtualization without causing risk to critical applications
- Maximize the power of Sun technologies and increase return on datacenter investments
- Gain cross-silo service visibility needed to resolve problems faster and improve coordination between IT groups

InfoVista—establishing predictive visibility across the networked infrastructure

InfoVista's Vistalnsight for Servers provides a single pane of visibility across the entire server infrastructure. Even in the most complex environments, it gives technical and business users immediate access to the decision-making information needed to optimize the environment, resolve problems before they cause outages, and maintain expected service levels.

Managing IT complexity

Vistalnsight for Servers collects, stores, and analyzes performance information from servers in the environment, both virtual and physical, regardless of operating system or hardware type. It automatically distills business-relevant information from the complex environment, enabling identification of resource and system constraints, quicker deployment of new applications, and service level reporting. Key performance indicators (KPIs) analyze system health in real time against historical trends and thresholds to proactively identify performance degradations before revenue-generating or other priority services are affected. Information presented through a top-down portal provides a high-level summary of service health, system utilization, and problem areas—helping navigate into granular detail as needed.

Vistalnsight for Servers uses the agent-based and agentless data collection technologies already present in the environment and does not require the deployment of new agents. The results are more streamlined operations and improved service level compliance.

Enabling business-driven change

Aligning the inevitable and constant change within the datacenter to business priorities is a challenge. Vistalnsight for Servers helps ensure the maximum use of existing investments and simplifies hardware refresh, migration, consolidation, and virtualization projects. It provides essential utilization and trend information to determine where savings can be gained and resources can be better utilized. Ongoing monitoring helps ensure that changes in progress do not negatively impact critical services. By automatically detecting and tracking movements of virtual machines and other resources, Vistalnsight for Servers delivers a continuous picture of service health, even in the most dynamic environments.

Managing services — not just systems

InfoVista products store associations between IT resources and the supported applications and services. VistaInsight for Servers can be augmented with other InfoVista products to create complete end-to-end visibility across systems, network, and security devices — incorporating traffic flow and end user quality of experience in one seamless service quality assurance platform. IT components can be grouped and viewed by location, business unit, supported service, application, or other criteria, providing both business and technical users the precise cross-domain service visibility they need — improving coordination between IT silos to better align business requirements and providing stakeholders with the decision-making information they need.

Maximizing the power and flexibility of Sun technology

Sun servers and the Solaris™ Operating System (Solaris OS) provide seamless scalability from small to larger systems — enabling enterprises to deploy or redeploy applications on systems with appropriate resources. Deciding to redeploy applications or resources requires strong confidence in the underlying server architecture. Because Sun maintains binary compatibility between operation system releases and systems, IT managers can seamlessly scale or move applications from small to larger systems without changing the underlying operating system. As the infrastructure scales to adapt to the demands of the business, InfoVista's VistaInsight for Servers provides continuous service visibility across the whole environment.

Regardless of hardware configuration or operating system, VistaInsight for Servers enables phased retirements and migrations to align with budgetary constraints and longer term infrastructure objectives. VistaInsight for Servers tightly integrates with Sun's Dynamic Tracing (DTrace) technology, incorporating precise information on the performance of both systems and applications — enabling an early warning so performance degradations can be addressed before users are affected. InfoVista integrates DTrace and supports Sun's Project Crossbow, providing real-time correlation between virtualized resources and underlying physical components, enabling efficient reallocation of resources as needed to accommodate changing usage levels. This helps ensure that hardware utilization can be increased through extensive use of virtualization without putting critical applications at risk — enabling maximum return on datacenter investments.

Top financial services organization uses InfoVista to consolidate and manage global infrastructure

Many of the world's largest service providers and enterprises run their primary applications on the Solaris OS because they require the most robust and scalable platform available. Because service quality is so critical to these businesses, they use InfoVista for proactive infrastructure management. One of the world's largest financial services organizations relies on InfoVista to manage over 20,000 geographically distributed physical and virtual servers, many of which run the Solaris Operating System.

Learn More

For more information, visit sun.com, infovista.com, or contact your local Sun sales representative.

InfoVista provides performance and capacity information to assist in virtualizing the server environment, and to enable the phased retirement of older hardware and operating systems that the corporation is replacing. Up to 1000 members of the company's line-of-business IT teams around the globe use InfoVista's portal every day to preempt system performance problems, maintain service uptime, and monitor and manage system utilization levels.

InfoVista and Sun — service quality in the evolving datacenter

InfoVista provides proactive service assurance across the heterogeneous environment, bridging the gap between business and IT, and improving IT efficiency. Sun's flexible options for highly reliable, scalable systems accommodate seamless change and growth of the infrastructure. Together, InfoVista and Sun enable businesses to benefit from industry-leading technologies embedded in the Solaris Operating System — supporting maximum use of virtualization to increase return on IT investments, helping to ensure performance of business-critical applications, and providing critical planning and monitoring information needed for successful consolidation and migration projects.



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