

Guaranteeing Improved Performance for Oracle Databases and Applications with VirtualWisdom

Today's users demand access to their mission-critical applications and data anytime, anywhere. That is not an easy expectation for IT to meet. Constant technological development, combined with an ongoing explosion in data require back-end systems that can effectively run these applications and manage constant updates across all levels of the enterprise.

Oracle's databases and applications power a majority of the world's most demanding environments and continue to build an all-around lead across various industry standard benchmarks. Oracle databases and applications are expected to perform at the highest level at all times and when they experience performance issues, end users get affected. Database administrators and IT teams are expected to provide a resolution right away. The monitoring systems that are available today look only at the response times of end-user requests or database queries in an attempt to find the root causes of these delays. What they miss is capturing and correlating these issues from the databases and applications with any other problems that are occurring (or that might occur) across the open-systems stack. Having this visibility would give IT teams the holistic view required to expertly understand what is happening throughout the application infrastructure—helping them to solve problems as they occur, and identify emergent issues before they become problems.

Virtual Instruments' VirtualWisdom Infrastructure Performance Monitoring platform helps optimize the performance of Oracle databases by providing unbiased, continuous and real-time measurement and monitoring of system-wide performance, health and utilization. VirtualWisdom helps DBA's, IT Managers and application developers improve responsiveness of applications while delivering the required visibility for increasing overall performance and availability.



“VirtualWisdom provides a complete understanding of Oracle application workloads, by enabling teams to proactively monitor and manage the performance health and utilization of end-to-end systems in real time.”

Steve Biondi
SENIOR VICE PRESIDENT OF
ISV AND OEM SALES, ORACLE

KEY FEATURES

- Real-time performance management metrics
- End-to-end, system-wide health, utilization, and performance management
- Out-of-band, agentless and non-intrusive data collection methodologies
- Advanced analytics that provide answers, not raw data
- Heterogeneous, unbiased protocol-level analysis and data correlation
- Double application infrastructure performance
- Decrease unplanned downtime by 95%
- Reduce the number of “Sev1” outages by 99%
- Achieve 80% infrastructure utilization

Leading global companies and government agencies worldwide trust VirtualWisdom to dramatically increase performance and availability of their application infrastructures while simultaneously eliminating the risks and associated costs of application downtime. VI's customer base includes enterprises large and small in most every industry including finance, insurance, healthcare, telco and manufacturing as well as federal and state and local agencies. The overriding common thread among our customers is the mission-critical nature of their application infrastructure workloads.

The VirtualWisdom platform consists of fully integrated hardware and software probes that feed system-wide data into the VirtualWisdom Platform Appliance, where it is correlated, trended and analyzed—delivering a highly accurate understanding of what is happening, and what will happen—as well as identifying where optimizations and efficiencies can occur.

Solution Features and Benefits

- Guarantee high performance delivery and real-time visibility of analytical and online transaction processing (OLTP and OLAP).
- Proactively remediate and resolve performance impacting issues and events with threshold alerting to identify unacceptable latencies.
- Establish and maintain performance and availability service level agreements.
- Greatly improve DBA, developer, architect and end-user experiences with reduced infrastructure response times.
- Minimize the complexity of Oracle validated configurations that include Oracle database and enterprise applications.
- Drive cost optimization through historic utilization trending and reporting of underlying assets.
- Acquire complete visibility and understanding of application performance, health and utilization that is not provided through the Oracle Enterprise Manager.

VirtualWisdom provides real-time, system-wide metrics to optimize the health, utilization, and performance of the underlying servers, switching, and storage infrastructure components.

This empowers IT organizations with the detailed visibility, performance management, and cost optimization insight that is required to guarantee the success of Oracle databases and applications.

Key Customer Quotes

"We have tools like Oracle for their databases or HP as a framework tool. They're fine for what they do, but with the features that VirtualWisdom provides I don't see that it would be replaced by anything else that I've seen to date. Technology guys will always use their favorite tool, in storage, ours is VirtualWisdom. We do not usually run array specific diagnostic tools unless we need to provide something very specific to the supplier."

- Simon Close, Head of Storage, WM Morrison Supermarkets PLC

"In the enterprise, it's all about root cause analysis. Things are going to break especially in the financial industry. It's about how quickly you can restore the service but you can't prevent it if you don't know what the root cause is."

- VP of Storage Operations, Financial Services



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