SOLUTION OVERVIEW
Technology Connect

VIRTUALWISDOM SOLUTION

- Dell EMC has partnered with Virtual Instruments to enable a solution for Dell EMC customers to implement real-time, system-wide performance-based monitoring, correlation, and analysis based on data collected from the VirtualWisdom Application-centric Infrastructure Performance Management (Ac-IPM) platform. The platform monitors every transaction with sub-second granularity allowing Dell EMC's customers to accelerate and de-risk their adoption of Dell EMC solutions (i.e. VPLEX®, VMAX®, VNX®, Isilon®, ViPR SRM®, XtremIO®, VxBlock®, Unity®) by providing analytics and reporting to obtain real-time insight into infrastructure performance, application workload characteristics, and utilization. The VI Solution offers storage protocol visibility to identify code violations, component problems, errors and much more.

- VI’s App-centric IPM platform benefits:
  - Guarantee Performance
  - Maximize Availability
  - Optimize Cost

Product Overview

- The VirtualWisdom Platform contains five components that collect metrics in real time.

1. VirtualWisdom Platform Appliance
2. Virtual Server Probe
3. Network Switch Probe
4. San/NAS Performance Probe
5. TAP Patch Panel
VIRTUALWISDOM KEY BENEFITS

High Performance IT Infrastructure Monitoring
VirtualWisdom provides advanced performance-based analytics and reporting capabilities for detailed troubleshooting and proactive issue detection and problem resolution. Together with the VirtualWisdom Ac-IPM platform, Dell EMC with ViPR SRM provides the industry's only comprehensive capacity monitoring, compliance and performance management solution for supporting high-speed, critical application workloads.

IT Infrastructure Decision Support and Troubleshooting
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IT Infrastructure Performance Assurance and Performance-based SLAs
For high-speed applications subject to short bursts of performance spikes, ensuring that response times meet SLA requirements as data migrates requires the ability to establish accurate historical baselines and monitor performance levels in granular detail pre, during and post migration. VirtualWisdom analyzes every I/O transaction, provides detailed histograms that measure the response time of every transaction in sub-second intervals, and identifies when latency thresholds are near limit, and when have been exceeded.

ABOUT VIRTUAL INSTRUMENTS
VI is a leader in Application-centric Infrastructure Performance Management for physical, virtual and cloud computing environments. The VirtualWisdom platform provides real-time visibility into the performance, health and utilization of the entire open systems stack enabling systems level optimization. The company was founded in June 2008, has headquarters in San Jose, Calif., and can be found online at www.virtualinstruments.com.

ABOUT DELL EMC
Dell EMC, a part of Dell Technologies, enables organizations to modernize, automate and transform their data center using industry-leading converged infrastructure, servers, storage and data protection technologies. This provides a trusted foundation for businesses to transform IT, through the creation of a hybrid cloud, and transform their business through the creation of cloud-native applications and big data solutions. Dell EMC services customers across 180 countries – including 98% of the Fortune 500 – with the industry’s most comprehensive and innovative portfolio from edge to core to cloud.

CONTACT US
To learn more, contact your local representative or authorized reseller.