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STEELCENTRAL NETEXPRESS

ALL-IN-ONE NETWORK PERFORMANCE MONITORING, PACKET CAPTURE, AND ANALYSIS, PLUS REPORTING

BUSINESS CHALLENGE

If you work on a network operations team, you know how increasingly hard it is to understand and ensure application performance for your end users.

You need visibility into areas where issues may occur – application, network, and infrastructure – in order to identify and diagnose problems quickly and minimize downtime.

But it hasn't been easy to gain this level of visibility across the WAN or hybrid network without deploying additional probes, packet capture devices, or remote site technicians. Too often, existing solutions are too complex or difficult to use and for many IT teams – you simply do not have the time or the resources to devote to a time-consuming, bottoms-up, and traditional troubleshooting approach.

THE RIVERBED SOLUTION

Riverbed® SteelCentral™ NetExpress combines the best of flow and packet capture, plus analysis into a single, easy-to-deploy solution. It is best suited for the small to mid-size enterprise (SME), a branch office location, or a subsection of a larger network. With application awareness and packet capture capabilities integrated into a single solution, SteelCentral NetExpress gives you the intelligence and network visibility you need to quickly view network and application performance and troubleshoot issues before your users even notice.

SteelCentral NetExpress delivers an enterprise-wide view of application utilization plus packet capture and quality of service (QoS) intelligence so you can see what is really running across the WAN and in your branch locations. With full visibility into your network and proactive, real-time performance metrics per application, location, and user, you can identify the source of any problem and drill-down from layer 7 application information all the way to low-level addresses and ports with just a few clicks.

You can also use your Riverbed® SteelHead™ to send flow data to SteelCentral NetExpress for deeper application-aware network performance management, and easy monitoring and troubleshooting across the WAN-optimized network with no additional probes required.

STEELCENTRAL NETEXPRESS VIRTUAL EDITION

If your organization has embraced virtualization and is beginning to adopt cloud and software-defined data center (SDDC) technology, you know how hard it can be to maintain visibility in these hybrid environments, let alone try to install monitoring appliances.

Riverbed SteelCentral NetExpress Virtual Edition runs on VMware vSphere to provide added deployment flexibility, gain expanded visibility, and move your monitoring where it's needed, whether it's between data centers or in the cloud. Its virtualized form factor allows it to be deployed:

- By companies that have fully embraced virtualization
- Within SDDCs, whether or not they are using SDN overlay networks
- By SMEs as a virtual alternative to the SteelCentral NetExpress hardware solutions

KEY BENEFITS

- Increase application visibility and improve performance across the network and in the cloud
- Gain cost-effective, enterprise-class network performance monitoring in an easy-to-deploy solution
- Automatically detect, isolate, and pinpoint changes in performance
- Speed problem identification and resolution with fast retrieval and analysis of flow and packet data
- Use existing network devices to gain insight into traffic and bandwidth usage

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KEY FEATURES

Seamlessly integrated all-in-one NPM solution

SteelCentral NetExpress brings together packet capture and flow data collection for deeper application-aware network performance management (NPM) and easy monitoring wherever it's deployed.

SteelCentral NetExpress includes these capabilities:

- Riverbed SteelCentral NetProfiler for analytics, application dependency mapping, and reporting
- Riverbed SteelCentral Flow Gateway for flow data collection
- Riverbed SteelCentral NetShark for high-speed packet capture
- A single concurrent license of Riverbed SteelCentral Packet Analyzer desktop software for graphical packet analysis

Complete application-level visibility

Off the shelf, SteelCentral NetExpress identifies more than 1,000 popular applications with deep packet inspection of application traffic for easy viewing and analysis so you can quickly and accurately distinguish business-critical from recreational applications.

Automated analytics

Automatically detects and alerts on meaningful changes in performance, providing proactive notifications of brewing issues.

Discovery and dependency mapping

Creates service maps for accelerating troubleshooting across complex application ecosystems, and planning for data center consolidation or cloud, disaster recovery, and virtualization initiatives.

Powerful packet capture and storage

Monitors and troubleshoots complex or intermittent performance- and security-related problems, without having to transfer large files across the network.

Unifies flow and packet-based data with smart packet indexing so you can easily search terabytes of data for a seamless transition between flow-based and packet-level information.

Integration with Riverbed SteelHead to ensure application performance and visibility across your WAN

Use your SteelHead investment to send both flow and packet data to SteelCentral NetExpress for robust analysis of SteelHead-optimized WAN and QoS settings by application.

Provides robust analysis of optimized WAN environments and QoS settings, enabling you to easily plan for WAN optimization, assess the impact of the deployment, and quantify benefits.

Riverbed SteelCentral NetExpress Solutions

SteelCentral NetExpress					
Model	CAX-460-U	CAX-460-L	CAX-460-M	CAX-460-H	CAX-460-VH
Flow Capacity (FPM)[1]	15,000	30,000	60,000	90,000	120,000

Riverbed SteelCentral NetExpress Virtual Edition

SteelCentral NetExpress Virtual Edition					
Models	CAX-VE-460-F1	CAX-VE-460-F2	CAX-VE-460-F3	CAX-VE-460-F4	CAX-VE-460-F5
Flow Capacity (FPM)[1]	15,000	30,000	60,000	90,000	120,000
Hypervisor	VMware ESXi 5.0				

[1]*Flows per Minute. Flow capacity can be expanded up to the amount listed.*

ABOUT RIVERBED

Riverbed Technology, Inc., at more than $1 billion in annual revenue, is the leader in Application Performance Infrastructure, delivering the most complete platform for location-independent computing. Location-independent computing turns location and distance into a competitive advantage by allowing IT to have the flexibility to host applications and data in the most optimal locations while ensuring applications perform as expected, data is always available when needed, and performance issues are detected and fixed before end users notice. Riverbed's 25,000+ customers include 97% of the *Fortune* 100 and 96% of the *Forbes* Global 100. Learn more at **www.riverbed.com.**

GARTNER MAGIC QUADRANT RECOGNITION

We're the ONLY leader in both the Gartner Magic Quadrant for Application Performance Monitoring (APM) and Network Performance Monitoring and Diagnostics (NPMD).*

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