Applications are now the center of the business world. We rely on them to reach customers, build products, automate back-end business processes, and perform nearly every task critical to business.

For IT, application performance is the most visible indicator of job performance, and that’s why organizations around the world rely on the Riverbed® SteelCentral™ family of products for performance management and the insight they need to deliver a consistently top-notch user experience.

With our performance management solutions, you can monitor every critical part of your application delivery chain from a centralized, dynamic view and troubleshoot any issues that arise—before they become problems.

Whether you are rolling out new applications, consolidating or virtualizing data centers, migrating to the cloud, supporting mobile device users, or simply in need of a troubleshooting and visibility solution, SteelCentral products provide you with a holistic view of your environment.

Riverbed SteelCentral: Because Insight is Better than Hindsight

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<th>End-to-end visibility</th>
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<td>Manage the complete performance picture</td>
<td>Deliver unmatched end-user experience</td>
<td>Increase IT effectiveness and productivity</td>
<td>Dramatically reduce downtime</td>
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<td>Leverage cloud, mobile, and virtual environments without compromising visibility and intelligence.</td>
<td>Understand end-user experience and productivity, shifting focus from infrastructure to applications and users.</td>
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<td>Navigate from business-level views to performance metrics to the root cause of performance problems.</td>
<td>Understand holistic views of your users, their application ecosystem, and the infrastructure on which it relies.</td>
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SteelCentral performance management products

Our unique combination of end-user experience monitoring, transaction tracing, component monitoring, and network and infrastructure management maximizes the performance, availability, and productivity of any critical application.

SteelCentral™ Portal blends data from SteelCentral™ and SteelHead™ solutions to create a centralized, dynamic view of your organization’s application performance environment. The solution leverages data from SteelCentral AppInternals, AppResponse, NetProfiler, and NetSensor application performance management (APM) and network performance management (NPM). It presents the data within the application model, giving you a central source of truth for application performance and supporting infrastructure.

End-User Experience Monitoring

Catch application problems before your users do

If users expect instant access and a consistent experience with the applications they need, then you should be able to monitor and troubleshoot their unique experience.

Whether users are local, around the world, or mobile, you must be able to monitor, troubleshoot, and compare their actual experience to stay ahead of problems.

It’s not enough to just manage the application; you have to know exactly what your end user is experiencing with real visibility into their browser, the network, and the server.

SteelCentral™ AppResponse delivers real-time monitoring, transaction analysis and insight into the performance of traditional and Web-based applications, and allows IT to quickly isolate application response time issues for faster troubleshooting. Add-on modules are available for advanced problem solving.

SteelCentral™ AppInternals monitors Web and mobile-based applications to give you end-user experience insights from within your users’ browsers or devices. Understand usage trends, conversion rates, satisfaction scores, browser performance and more.
Transaction Tracing and Component Monitoring

Track user transactions throughout the application infrastructure

Transaction tracing and component monitoring helps you track, monitor, and troubleshoot the performance of every component of multitier applications and the transactions that link them.

SteelCentral™ AppInternals traces every transaction from the end user to the application backend, while capturing system performance metrics every second. This gives you multiple perspectives into application performance with convenient 2-click workflows that expose and diagnose offending code, SQL, infrastructure or remote calls, for rapid problem resolution.

SteelCentral™ Transaction Analyzer enables you to track transactions throughout the application infrastructure, troubleshoot problems in production, and predict response times with “what if” scenarios prior to an infrastructure change.

Figure 2
Get real-time insights into application performance.
Network and Infrastructure Performance Management

End-to-end monitoring, reporting, and analytics

Your infrastructure and network exist to deliver the applications that matter to your business.

Our performance management solutions alert you to issues before business is impacted, help you understand dependencies between your applications and your network, and improve troubleshooting. With this integrated approach you can understand the critical impact the network has on application performance.

SteelCentral™ NetProfiler offers end-to-end network monitoring, reporting, and analytics. It utilizes network flow data and complements it with packet-based performance metrics to proactively monitor and troubleshoot application and network performance.

SteelCentral™ NetShark provides scalable, high-performance, continuous packet capture, rapid indexing, and long-term storage to ensure that packet-level information is always available for troubleshooting and granular, real-time, and back-in-time analysis. It alerts on issues and can also help diagnose where a problem is and what is causing it.

SteelCentral™ Packet Analyzer is a robust, packet-analysis console that enables users to quickly analyze multiterabyte packet recordings on remote NetShark appliances, NetShark Virtual Edition, and SteelHead WAN optimization products without having to transfer large packet-capture files across the network.
SteelCentral™ Flow Gateway collects flow data (e.g., NetFlow, sFlow, J-Flow, Internet protocol flow information export (IPFIX), and other popular flow statistics) from network devices, deduplicates common information, and then forwards the data to the NetProfiler console for analysis.

SteelCentral™ NetExpress gives small- and medium-sized enterprise (SMEs) as much network troubleshooting power as solutions for large enterprises.

SteelCentral™ NetSensor provides infrastructure (e.g., servers, network routers, and switches) device monitoring by polling data about device health, such as central processing unit (CPU) utilization and memory utilization, and by leveraging simple network management protocol (SNMP), Windows Management Instrumentation (WMI), and Internet protocol service level management (IP SLA).

SteelCentral™ UCExpert allows continuous monitoring of voice and video quality so you can catch and fix problems before they ever become an issue for your customers and employees.

Figure 4
Gain insight into application type and usage: Who used it, when they used it, and from where

Figure 5
Monitor common business and entertainment applications.
Network Planning and Configuration Management

Extending visibility to network topology and configuration

The SteelCentral product family of network planning and configuration management (NPCM) solutions delivers significant business benefits for infrastructure that is too important and too complex to be managed manually.

Our NPCM solutions allow large enterprises, service providers, and government agencies to improve IT efficiency by reducing network outages caused by misconfigurations and by detecting policy violations before they affect service availability. Our NPCM solutions also help mitigate the risk of changes such as data growth, data center migration, technology migration, and new application deployment to business-critical infrastructure.

Figure 6
Ensure network integrity, security, and policy compliance by performing automated networkwide audits and analyzing your network.

Figure 7
Automate network analysis and network planning of multi-technology, multi-vendor networks.
SteelCentral™ NetAuditor

Intelligent Network Configuration Management

NetAuditor helps ensure the availability of business-critical network services by detecting network device configuration errors before an outage in business-critical services can happen. In fact, 69% of surveyed IT organizations who use NetAuditor improved mean-time-to-resolution (MTTR) 3x or more after implementation. Compliance with security standards and best practices is made much easier with NetAuditor’s ability to discover and highlight network configuration errors and configuration differences.

SteelCentral™ NetPlanner

Predictive Multi-layer Network Planning

NetPlanner creates a high-fidelity network model that combines multiple sources of data to deliver more accurate predictions of network behavior and performance than competitive products. NetPlanner includes out-of-the-box analyses for different network architectures and technology migration plans while evaluating proposed changes for misconfigurations and performance impact. The industry-exclusive integration with SteelCentral Optical Planner Module for NetPlanner provides unique multi-layer planning and analysis capabilities for optical networks.

SteelCentral™ NetCollector

Real-time Network Data Management

NetCollector has industry-leading, multivendor, deep network discovery and collection at Layer 2 and Layer 3, and is built on a real-time network data model that infers physical, logical, and virtual relationships between network elements for a clearer picture of how the network elements work together, and their dependencies and interactions.

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).*

About Riverbed

Riverbed, at more than $1 billion in annual revenue, is the leader in application performance infrastructure, delivering the most complete platform for the hybrid enterprise to ensure applications perform as expected, data is always available when needed, and performance issues can be proactively detected and resolved before impacting business performance. Riverbed enables hybrid enterprises to transform application performance into a competitive advantage by maximizing employee productivity and leveraging IT to create new forms of operational agility. Riverbed’s 26,000+ customers include 97% of the Fortune 100 and 98% of the Forbes Global 100.

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