

SteelHead CX

Application acceleration for the digital enterprise

Today's Riverbed® SteelHead™ CX is engineered for fast, seamless network integration into remote sites and branch offices, or data centers with scalable performance designed to support a growing number of users, devices, data and application types.

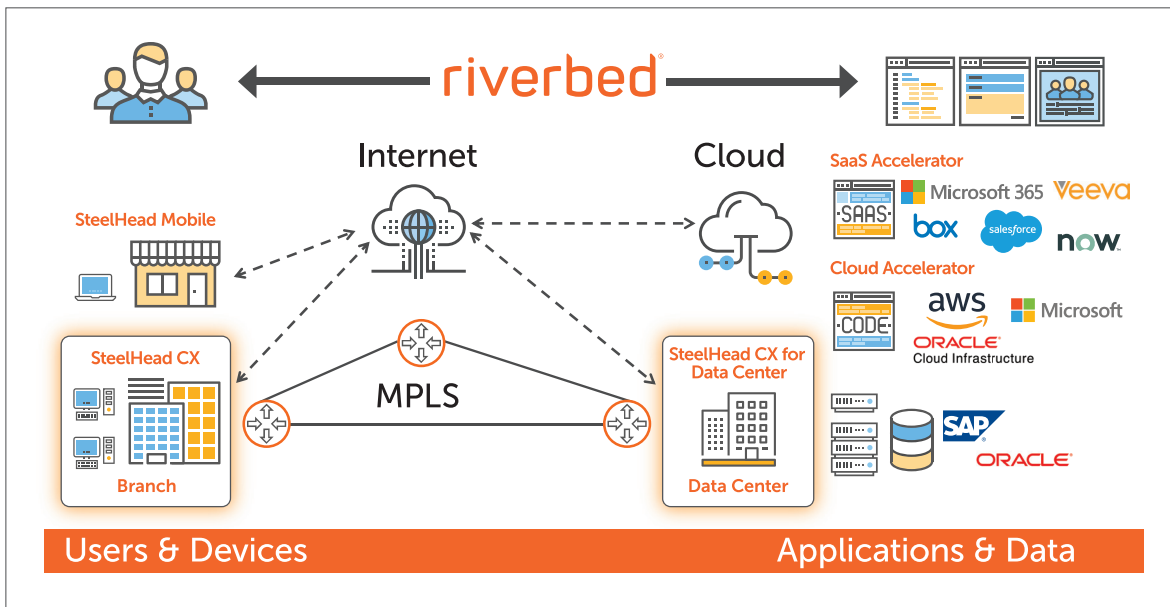
As the market leader in application acceleration, SteelHead CX has proven to dramatically speed up the performance of applications anywhere in the organization while delivering the best end-user experience even under sub optimal network conditions.

Riverbed makes it easy to assure fast, agile, secure delivery of any application to anyone, anywhere.

Business Challenge

The traditional enterprise has evolved into a hybrid one with people, apps, and data everywhere. More and more business-critical applications are moving to public clouds for SaaS and IaaS while others remain on-premises in datacenters. Additionally, organizations are leveraging combinations of hybrid networks (MPLS, Internet VPN, and public Internet) for real-time application delivery to location independent users.

IT is under continued pressure to deliver the highest level of performance in a complex and evolving hybrid network. However, unpredictable application behavior, reduced visibility, and limited control, can all decrease application performance. As a result, businesses and users often experience decreased productivity.



Key Benefits

Accelerated application performance and reduced bandwidth consumption

- Reduces bandwidth utilization by up to 95%, deferring costly network bandwidth upgrades
- Increases performance by up to 100x for on-premises applications
- Leverages application awareness to distinguish between business and non-critical network traffic to select optimal acceleration path
- Enables rapid, resilient, and secure replication and backup over the WAN

Integrated visibility

- Provides visibility into SteelHeads with SteelCentral NetProfiler for response time analysis
- Validates QoS classifications and acceleration benefits
- Improves network troubleshooting capabilities through enhanced packet capture for analysis with Riverbed® SteelCentral™ Netshark




Enhanced control and management

- Performs ongoing centralized management through SteelCentral Controller for SteelHead, Web Interface, or from CLI
- Discovers and reports on applications in use across the organization
- Leverages simplified configuration with REST API for hybrid features—path selection, QoS, and secure transport—and custom API scripts for monitoring
- Secures optimized traffic between SteelHead solutions across private and Internet links with standards-based encryption

Feature Specifications


SteelHead CX-580/CX-780/CX-3080

Small office appliances that leverages the full performance capabilities of the hardware. Offers a flexible feature set broken into 3 tiers (Essentials/Standard/Enterprise) depending on the customer requirements.

	 Essentials	 Standard	 Enterprise
Description	Basic WAN Optimization	Full WAN Optimization with App Acceleration	Full Featured App Acceleration + Next Gen Features
Sample Features	<ul style="list-style-type: none"> • Full Deduplication • TCP Optimization / MXTCP • Hybrid Networking: QOS / Secure Transport / Path Selection 	<p>Essentials +</p> <ul style="list-style-type: none"> • HTTPS Optimization • Most Protocol Blades (MAPI, SMB, CIFS) • WebProxy • SaaS Accelerator 	<p>Standard +</p> <ul style="list-style-type: none"> • Data Center Protocol Blades (Replication, NFS) • Exotic Protocols – Lotus Notes • SCPS / FIPS

SteelHead CX-5080/CX-7080

Fully featured appliances designed for large offices or datacenters that delivers best in class WAN optimization to accelerate the performance of enterprise applications. Licensing tiers determine the bandwidth and connection performance boundaries

	 Enterprise	
Model	5080	7080
Maximum Connections	20,000 / 60,000	100,000 / 150,000 / 220,000
Maximum Bandwidth	300 / 622 (Mbps)	1000 / 2000 / 3000 (Mbps)
Full Featured WAN Optimization (See specification sheet for details)		

About Riverbed

Riverbed enables organizations to maximize performance and visibility for networks and applications, so they can overcome complexity and fully capitalize on their digital and cloud investments. The Riverbed Network and Application Performance Platform enables organizations to visualize, optimize, remediate and accelerate the performance of any network for any application, and helps to identify and mitigate cybersecurity threats. The platform addresses performance and visibility holistically with best-in-class WAN optimization, unified network performance management (NPM), application acceleration (including Microsoft 365, SaaS, client and cloud acceleration), and enterprise-grade SD-WAN. Riverbed's 30,000+ customers include 99% of the *Fortune* 100. Learn more at riverbed.com.

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