

# 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.

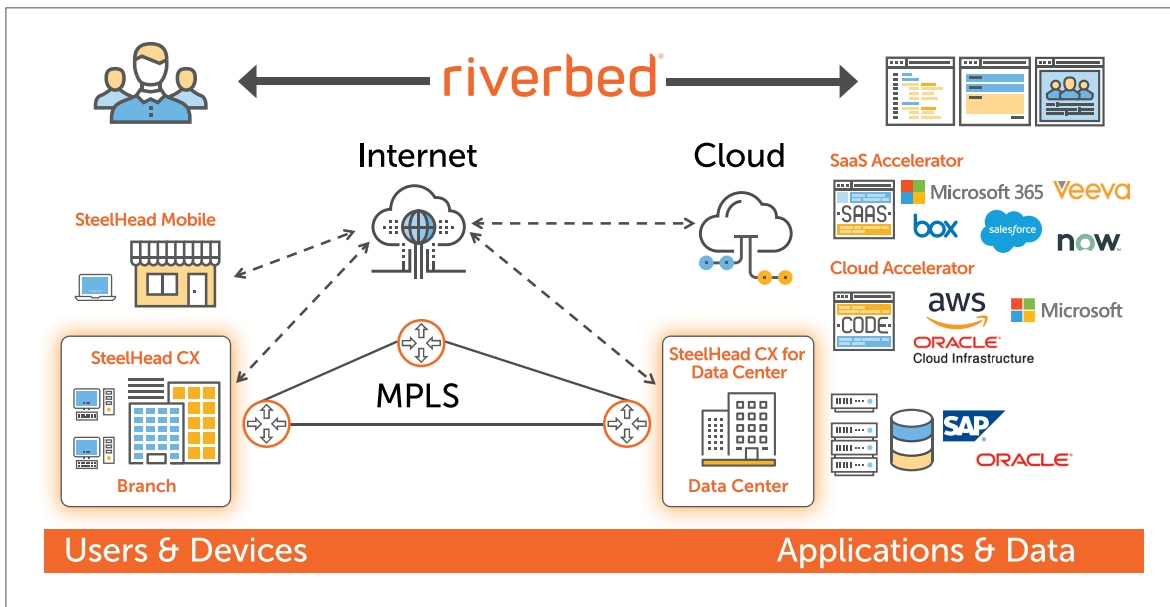
As the market leader in application acceleration, SteelHead CX has proven to dramatically speed up the performance of applications anywhere in the organization while delivering the best end-user experience even under sub optimal network conditions.

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.



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## 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
- Available with virtual platforms such as VMware, Cisco CVIM, and KVM-based Nutanix AHV

### 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
- SteelCentral Controller indicates configuration changes as compared to policy
- (RBAC) Role-based access control for easier administration and security when used with WinSec Controller

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

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

#### About Riverbed

Riverbed enables organizations to maximize visibility and performance across networks, applications and end-user devices, so they can fully capitalize on their IT, hybrid workplace and digital investments. Riverbed solutions enable organizations to visualize, optimize, remediate and accelerate the performance of any network for any application, while supporting business objectives to mitigate cybersecurity risk and enhance the digital experience for all end users. Riverbed offers two best-in-class product lines: end-to-end visibility solutions – including Network Performance Management and Digital Experience Management (APM and EUEM) – that delivers actionable insights; and network and acceleration solutions, including application acceleration (SaaS, client and cloud acceleration), WAN optimization, and enterprise-grade SD-WAN. Riverbed's 30,000+ customers include 95% of the *Fortune* 100. Learn more at [riverbed.com](http://riverbed.com).

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