riverbed®

SteelHead Mobile

Securely accelerate application delivery for mobile workers wherever they work.

Business Challenge

Business performance in today's 24x7 real-time-only world depends on application performance. When applications do not perform, employees cannot work efficiently, and productivity quickly decreases. This effect is especially true for mobile and remote workers, fast-becoming the lifeblood of modern enterprises as we consume applications, more often than not, from home, from coffee shops, airports, client sites and more. Today's mobile workforce faces many application performance challenges as a result of always-changing network latency and bandwidth conditions, many of which can be unpredictable and hard for IT teams to resolve. All slow-downs are frustrating and lead to missed business opportunities. And when considered at scale, can come at a great cost to any enterprise.

To stay competitive, build strong and lasting customer and client relationships, increase pipeline and revenue streams, take new products to market on time, and execute high-risk, time-sensitive missions, mobile workers must be able to collaborate and share in real time, download files quickly, and send large file attachments rapidly to any destination. Mobile workers need fast access to corporate documents and information anywhere they are working in the world.

And businesses should have the freedom to decide the optimal location where data and applications reside—locally, in branch offices and global data centers, and in the cloud.

The Riverbed Solution

Riverbed® SteelHead Mobile delivers leading-edge application acceleration to mobile workers anywhere. Extending the functionality of Riverbed's leading Application Acceleration services and solutions, SteelHead Mobile provides mobile employees with fast, reliable access to leading enterprise SaaS and on-premises applications.
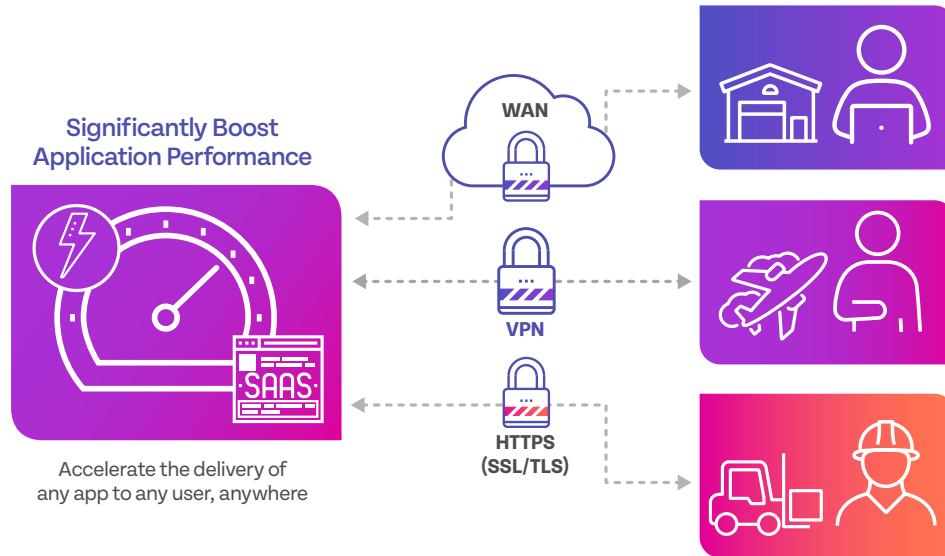
With a lightweight software package installed transparently on laptops or desktops, SteelHead Mobile allows mobile and remote workers to be highly efficient and productive anywhere they work.

"One of our engineers tested SteelHead Mobile at home over a 100 Mbps connection. A file that took 20 minutes to open without Client Accelerator opened in just 1.5 minutes—92% faster."

Kevin Walgren,
Technology Lead, Landform Professional Services

SteelHead Mobile interacts directly with any SteelHead, SteelHead Cloud, or SteelHead SaaS to optimize and accelerate on-premises or SaaS applications. With Riverbed SteelHead Mobile,remote workers are no longer remote.

SteelHead Mobile offers a flexible, scalable management tool that streamlines provisioning of large-scale mobile deployments. The SteelHead Mobile Controller helps IT teams manage client licenses and controls the deployment, management, and reporting of software clients.

Significantly Boost Application Performance

WAN

VPN

HTTPS (SSL/TLS)

Accelerate the delivery of any app to any user, anywhere

Key Benefits

Improves network and application performance, security and productivity for users anywhere

- 10X or greater acceleration of business-critical Cloud and on-prem applications

- Reduces network bandwidth by up to 99%

- Eliminates performance problems caused by increasingly unpredictable network latency and competition among applications

Streamlines IT management and reduces support costs for mobile workers

- Provides an integrated solution for mobile and/or branch office workers, for a local experience of applications in the data center and the cloud

- Provides ease of provisioning and extends global enterprise data centers and SaaS cloud environments to support large-scale mobile deployments

- Scales to support up to 35,000 concurrent active mobile clients per controller

Workforce productivity anywhere, anytime

- Fast, consistent, available enterprise applications result in improved customer/client / employee satisfaction, faster time to market, faster time to pipeline/revenue, improved reputation and lower cost/risk to the business

Key Features for SteelHead Mobile

With SteelHead Mobile, being on the road, working from home, a coffee shop, client site, airport or at a remote office is no longer a barrier to getting things done. SteelHead Mobile delivers application acceleration to mobile workers anywhere.

Improves application performance with minimal delays

- Provides a performance optimization solution for branch office and mobile workers

- Uses URL learning, page parsing, embedded object pre-fetching, and metadata acceleration modes

- Enables zero-touch bandwidth/ latency optimization of SSL/TLS connections, thus enhancing the performance of encrypted applications

Unmatched scalability

- Easily scales network performance to multiple thousands of active concurrent mobile users

Complete visibility and control

- Manages the configuration policies that determine what optimizations take place per user or groups of users

- Offers native visibility including aggregated and end point performance reports, client health reporting and an alarms library

Acceleration of business-critical Web applications

- Supports applications on-prem: Microsoft SharePoint, Microsoft Windows applications (e.g., / SMBv3, Outlook anywhere, Kerberos), intranet portals, document management systems, and ERP and CRM applications (e.g., SAP NetWeaver, JD Edwards, Siebel)

- Supports leading enterprise SaaS applications: Microsoft O365, Salesforce, ServiceNow, Box, Veeva and more

- Supports Windows 10, Windows 10 – 22H2, Windows 11, Windows 11 – 22H2, Windows 11 – 23H2, Mac OS 12, 13, 14

- Supports IPv6 (Internet Protocol version 6)

- Optimization support to TLS 1.3 connection

Key Features for SteelHead Mobile Controller

With Riverbed SteelHead Mobile Controller, you can centrally manage concurrent user licenses and the software clients for SteelHead Mobile. The controller deploys Client Accelerator as part of a standard operating environment, without additional costs.

Streamlines provisioning of large-scale deployments

- Uses simple MSI (Microsoft installer) software packages to push clients to end-user laptops and PCs

Provides in-depth reporting capabilities

- Includes in-depth reporting on client performance
- Generates reports on aggregated or individual statistics on throughput

Includes an efficient, cost-effective, and flexible concurrent licensing model

- Manages a pool of licenses with the addition of new licenses as needed
- Control costs by purchasing only the number of licenses needed
- Allows license management at the adaptor level and releases a license when an alternative (local branch) SteelHead solution can be used for optimization

Scales to allow for expansion

- Supports up to 35,000 concurrent active mobile clients
- Clusters to scale beyond the capacity of an individual SteelHead Mobile Controller
- Creates high-availability configurations for accelerated remote access to key applications and data
- Offered in a variety of form factors to suit varying hybrid architecturest

Learn More

For more about the Riverbed SteelHead Mobile or other Riverbed Application Acceleration solutions, please contact your Riverbed Account Manager or reseller, or learn more at riverbed.com/products/client-accelerator/.

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About Riverbed

Riverbed, the leader in AI observability, helps organizations optimize their users' experiences by leveraging AI automation for the prevention, identification, and resolution of IT issues. With over 20 years of experience in data collection and AI and machine learning, Riverbed's open and AI-powered observability platform and solutions optimize digital experiences and greatly improve IT efficiency. Riverbed also offers industry-leading Acceleration solutions that provide fast, agile, secure acceleration of any app, over any network, to users anywhere. Together with our thousands of market-leading customers globally – including 95% of the *FORTUNE* 100 – we are empowering next-generation digital experiences. Learn more at riverbed.com.