Client Accelerator

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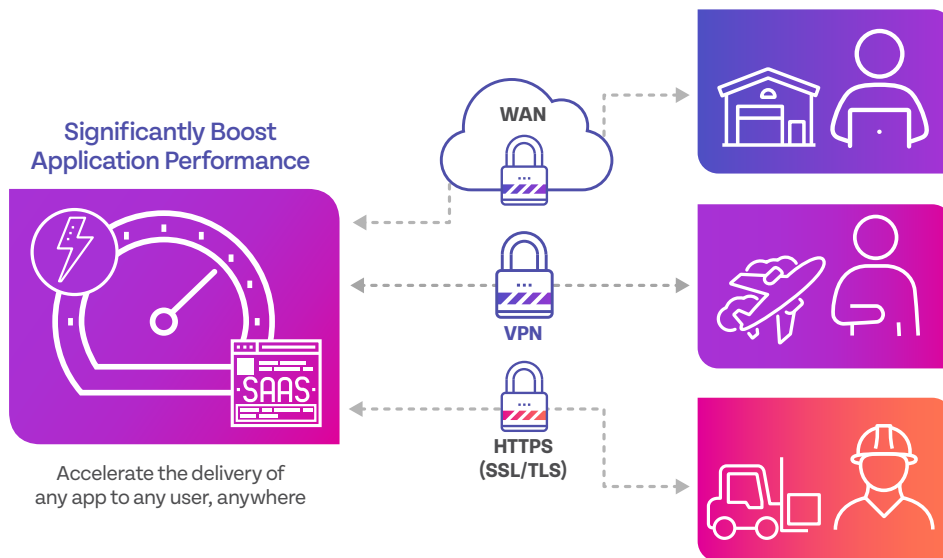
With a lightweight software package installed transparently on laptops or desktops, Riverbed Client Accelerator allows mobile and remote workers to be highly efficient and productive anywhere they work.

"One of our engineers tested Client Accelerator 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

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

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

Significantly Boost Application Performance

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 Client Accelerator

With Client Accelerator, 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. Client Accelerator 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 Client Accelerator Controller

With Riverbed Client Accelerator Controller, you can centrally manage concurrent user licenses and the software clients for Client Accelerator. 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 Client Accelerator or other Riverbed Application Acceleration solutions, please contact your Riverbed Account Manager or reseller, or learn more at riverbed.com.

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Riverbed — Empower the Experience

Riverbed is the only company with the collective richness of telemetry from network to app to end user that illuminates and then accelerates every interaction so that users get the flawless digital experience they expect across the entire digital ecosystem. Riverbed provides two industry-leading solutions: the Riverbed Unified Observability portfolio, which integrates data, insights, and actions across IT to enable customers to deliver seamless digital experiences; and Riverbed Acceleration, which offers fast, agile, and secure acceleration of any application over any network to users, whether they are mobile, remote, or on-premises. Together with our thousands of partners, and market-leading customers across the world, we empower every click, every digital experience. Learn more at riverbed.com.