The Riverbed Cloud-Ready Branch

The Branch: A Roadblock to Digital Transformation

The branch, where most business gets done, is key to corporate success. Yet it has become a roadblock to digital transformation and cloud-first strategies. Such strategies cannot be complete or effective if islands of infrastructure are left stranded across the enterprise edge at branch offices and remote facilities, causing issues such as:

- The duplicative costs of having IT infrastructure sited at branch offices across the enterprise edge.

- Highly inefficient operations redundantly performed at every office by employees not trained in IT.

- The unpredictable performance of SaaS apps.

- The months required to plan and provision or change networks given the need to field-configure routers.

- The time by local employees spent backing up branch data, often not completed within the allotted timeframe, which puts massive amounts of data at risk.

- The increasing frequency and duration of application outages and branch shutdowns due to lack of visibility into performance problems and their causes.

Most enterprises treat these challenges as discrete problems to be solved by certain domain responsibilities within the organization. But the simple truth is that they cannot possibly be solved that way. They are interrelated, interlocking challenges, and thus require integrated solutions.

The Cloud-Ready Branch: A Breakthrough Solution to Transform Branch IT

Riverbed transforms branch office IT with the Riverbed Cloud-Ready Branch, a fully integrated, extensible, software-defined solution built on the Riverbed Application Performance Platform that is customizable depending on branch size and needs. The Cloud-Ready Branch allows you to select just the services you need on a branch-by-branch basis from the following options:

- SD-WAN with cloud connectivity and branch networking

- Integrated visibility across your network and applications (on and off the cloud)

- Integrated WAN optimization

- Branch data services

- Extensible services platform

The "branch" is where most enterprise business—of all kinds—gets done. Branches come in many shapes and sizes, each with different needs.

A Simple, Agile, Scalable Cloud-Ready Branch Customized to Your Business

Simple

Centralize branch IT in the datacenter for easy, cost-effective operations management. With the Riverbed Cloud-Ready Branch, organizations can remove distributed IT infrastructure and operations—and all of the associated inefficiencies—from branch offices and centralize them instead in the datacenter, cloud, or a hybrid combination.

Agile

Deploy branch offices in minutes, from networking to apps to data to security. The necessary network and application services and functions can be delivered to branch offices instantly, securely, and without effort for branch employees.

Scalable

Scale seamlessly as your branch business and footprint grows. The Cloud-Ready Branch is enterprise-grade, able to bring more agile operations, better management, a higher level of data security, more cost-effective IT, and improved application performance to one office or a thousand branches.

Three Options for Flexibility and Choice

The Riverbed Cloud-Ready Branch solution is available in three editions to match your branch office needs:

1. Cloud-Ready Branch Essentials

Cloud-Ready Branch Essentials is built to satisfy all the networking and performance monitoring needs of "Internet-only branches" that use only public networks to access SaaS apps and store data in the cloud. Networking requirements for these branches include Internet connectivity to public/private clouds, local branch networking, and wireless LAN.

Cloud-Ready Branch Essentials includes Riverbed's revolutionary application-defined SD-WAN to unify and simplify network connectivity and application delivery across hybrid WANs, remote LANs, and cloud networks; and industry-leading, end-to-end performance monitoring across the broadest range of infrastructure components, including servers, networks, applications and end-user devices.

2. Cloud-Ready Branch Advanced

Cloud-Ready Branch Advanced is the ideal solution for "hybrid branches" that tap into both the public cloud/SaaS as well as their corporate datacenter for their applications and data. These branches have sophisticated—and complex—hybrid networks that combine WAN, local branch networking, and cloud connectivity. This requires the ability to manage these hybrid networks by automatically switching between them to use optimum paths for the particular workload based on latency, jitter, security, etc.

Cloud-Ready Branch Advanced includes everything in Essentials plus Riverbed's industry-leading WAN optimization, cloud and SaaS acceleration, and hybrid networking capabilities to deliver applications with maximum performance and security seamlessly across all enterprise networks.

3. Cloud-Ready Branch Advanced Plus

Cloud-Ready Branch Advanced Plus delivers a complete solution for "stateless branches" that have advanced requirements. These branches not only need hybrid networking and advanced visibility, but in addition use some local data and compute services (such as application, print, and DNS servers, data stores, firewalls, etc.).

Cloud-Ready Branch Advanced Plus extends enterprise-class networking, security, services, and storage to the branch with maximum performance no matter the IT source or branch configuration. Advanced Plus builds on the Advanced edition by adding local compute and data security functions virtualized in the datacenter and projected to branch offices over software-defined, optimized, precision-monitored networks for maximum application performance, data security, and branch office productivity. This gives customers maximum choice in where branch assets are deployed and how they are accessed, always with end-to-end visibility and maximum performance.

What Cloud-Ready Capabilities Do You Need for Your Branches?

Solution Capabilities	Essentials	Advanced	Advanced Plus
SD-WAN with cloud connectivity and branch networking	✓	✓	✓
Integrated visibility	✓	✓	✓
WAN optimization		✓	✓
Branch data services			✓
Extensible services platform			✓

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 27,000+ customers include 97% of the *Fortune* 100 and 98% of the *Forbes* Global 100. Learn more at riverbed.com

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