

SOFTWARE-BASED ON PREMISES APPLICATION ACCELERATION


Do you have end users at branch offices around the world suffering from slow applications? Is it negatively impacting productivity and business revenue? And you don't have the capital or IT resources to deploy and manage device-based application acceleration solutions at your offices?

Virtela's software-based on premises and cloud-based application acceleration services uniquely address your challenges. Virtela's software-based on premises service allows you to take advantage of all the benefits mentioned below over your current carrier's or ISP's network. You can achieve cloud-like benefits without having to migrate to Virtela's network/cloud. The application acceleration virtualization software can run on a customer- or Virtela-provided server.

- Makes applications run 5-25X faster
- Starting at only \$5 per day per branch office
- The world's first application response time guarantee. If you don't experience faster application response time, we pay you 250% of the service charge.

Solving Your Global Communications Challenges

As more organizations expand globally, traditional WANs struggle to deliver acceptable application response times.

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| <ul style="list-style-type: none"> • Increased distance and communications delays between end users and corporate resources • Not enough bandwidth to support multiple, simultaneous applications • Significant back-and-forth communications caused by "chatty" applications | <p>Result In</p>  | <ul style="list-style-type: none"> • Slower applications • Lost productivity • Frustrated employees • Lost business |
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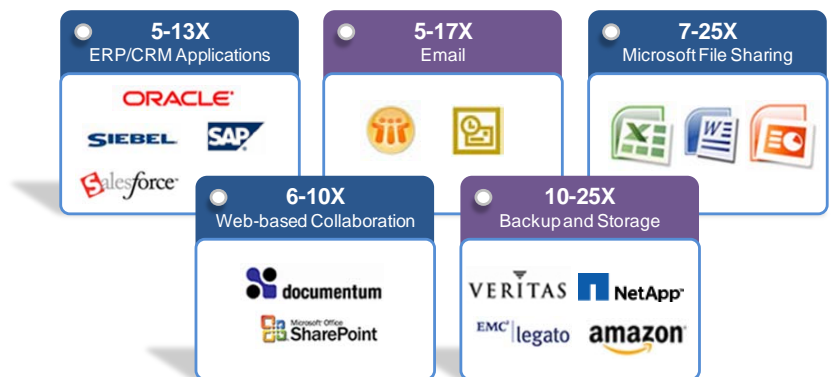
Application acceleration is ideally suited to address the slow application response time and slow storage and backup issues as companies expand their presence around the world. Application acceleration solves these problems effectively, particularly in the following situations:

- Branch office and mobile worker communications
- Centralized storage and backup
- Data center consolidation

KEY FEATURES AND BENEFITS

Virtela's application acceleration service makes applications run up to 25X faster to improve end user and business productivity. Figure 1 specifies the level of response time improvement achieved in actual and test scenarios for a sampling of business applications that Virtela can accelerate.

Figure 1. Response Time Improvements with Virtela's Application Acceleration Service



Other benefits of the service are as follows:

- **Significant Cost Savings.** Offers breakthrough low monthly charge per location.
- **250% Money-back Guarantee.** If end users don't experience faster application response time, we'll pay you 250% of the service charge.
- **Simple.** The service eliminates all the complexity and management challenges with using application acceleration-specific appliances at your locations. On top of that, the service can support headquarters, branch offices, mobile workers and partner locations anywhere in the world and provides a web portal for service visibility, control and management.
- **No Network Migrations.** You can leverage your existing underlying transport network from any carrier or ISP. You do not need to use the Virtela network/cloud to achieve the cloud-like benefits of Virtela's software-based on premises application acceleration service.

HOW IT WORKS

Virtela manages an end-to-end solution that uses Virtela's application acceleration virtualization software deployed on customer- or Virtela-provided servers at the customer's locations. The software applies caching, compression, higher layer communication protocol and application optimization to reduce application chattiness, and other acceleration technologies to make the applications run faster.

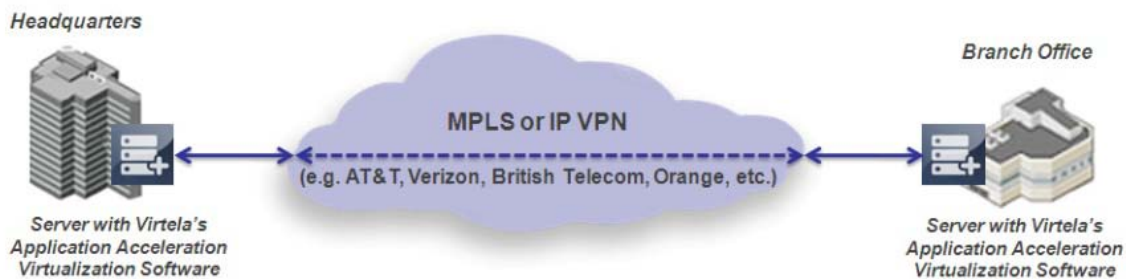


Figure 2. Virtela's software-based on premises application acceleration service using underlying transport from another carrier.

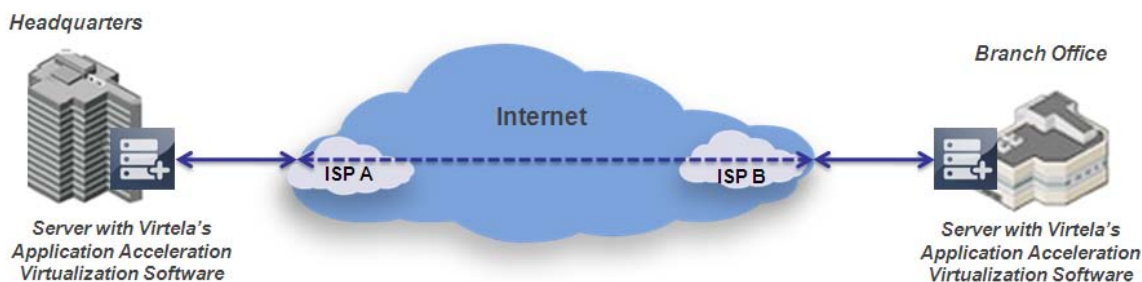


Figure 3. Virtela's software-based on premises application acceleration service using the Public Internet.

Figure 2 show how you can leverage Virtela's software-based on premises application acceleration service using another carrier's underlying transport network such as MPLS or IP VPN. Figure 3 depicts an implementation using the Public Internet with Virtela's software-based on premises application acceleration service.

ABOUT VIRTELA

Virtela, the world's largest independent managed services company, offers award-winning cloud- and device-based managed services including MPLS and IP-based Virtual Private Networks (VPNs), Security, Application Acceleration, Remote Access, and Infrastructure Monitoring and Management, to some of the most competitive multinational companies in the world. Offering services in more than 190 countries Virtela integrates and manages best-of-breed service providers through partnerships with 500+ carriers, to address the unique needs of our customers. Virtela is headquartered in Denver, Colorado, with Global Network and Security Operations Centers in Denver; Mumbai, India; and Manila, Philippines. For more information, please visit www.virtela.net.