Zscaler & Application Aware SD-WAN

Application Aware SD-WAN links application performance over the network with the enterprise's business goals.

- **Self-learning, self-adapting and self-healing**, Application Aware SD-WAN offers tightly coupled features that bring a unique level of intelligence to the enterprise network;

- **Application Visibility** provides full understanding of application usage and performance over the global network – from the smallest detail up to SLA-based application performance management;

- **Application Control** dynamically adjusts network behavior and resources to the exact application traffic demand – guaranteeing critical application performance in the most complex and changing traffic situations;

- **WAN Optimization** accelerates application response times and offers additional virtual bandwidth to the network;

- **Dynamic WAN Selection** enables Dynamic hybrid WAN for multi-networked branch offices, selecting in real-time the best path according to actual performance and application traffic characteristics;

- **WAN Security** protects branch Internet connections from threats. It encrypts traffic over IP VPNs to public and private DCs. It forwards Web traffic to Secure Web Gateway providers and allows/denies traffic to go directly to the Internet.

OVERVIEW

In today's increasingly mobile and connected world, IT departments are experiencing change like never before. Companies are tapping into the benefits brought by personalized devices, SaaS applications, private and public clouds, social media and virtual desktops. This extends requirements for combining traditional MPLS networks with Internet accesses.

Enterprises are essentially left with limited options to connect their end users to Internet. Local internet breakouts provide direct access to the Internet and public cloud applications offering the best possible experience to remote users. However it brings its own challenges with application performance and distributed security at the branch.

InfoVista's Application Aware SD-WAN/ Hybrid WAN solution combined with Zscaler Security as a Service platform solves the challenges of local Internet breakout. Together they enable companies to enjoy unprecedented application performance over hybrid networks (MPLS, Intranet and Internet) and uncompromising security along with significant network cost savings.

The joint solution will enable enterprises to benefit from secure, automatic, optimized hybrid networking, which combines Multiprotocol Label Switching (MPLS) infrastructure for wide area network traffic with local, secure and direct employee access to the Internet – eliminating the need for expensive traffic backhauling.

Through this partnership, organizations looking to roll out hybrid networks to take advantage of consumer, public and private cloud computing will no longer need to deploy expensive security appliances to protect their employees and will be able to dynamically select the best path in order to guarantee business applications performance. The partnership is also expected to greatly reduce wide area networking costs for joint customers, as Internet-bound traffic no longer has to be backhauled from regional or branch offices to corporate headquarters.

Benefits of Zscaler and InfoVista's solution:

The combined approach of InfoVista's Hybrid WAN and Zscaler's Security as a Service platform allows enterprises to:

- Deploy **unified, dynamic and inline security** that can inspect all employee traffic to and from the Internet.

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- Provide **Advanced Persistent Threat (APT)** protection that blocks the most dangerous threats before they reach company networks.
- Guarantee key **business application performance** over hybrid networking by dynamically selecting the best network path using real-time measurement of traffic conditions, availability and application characteristics.
- Use **Internet backup links** to offload non-critical applications.
- Deliver complete visibility on application usage and performance over the hybrid network.

Solution Deployment at the Branch office
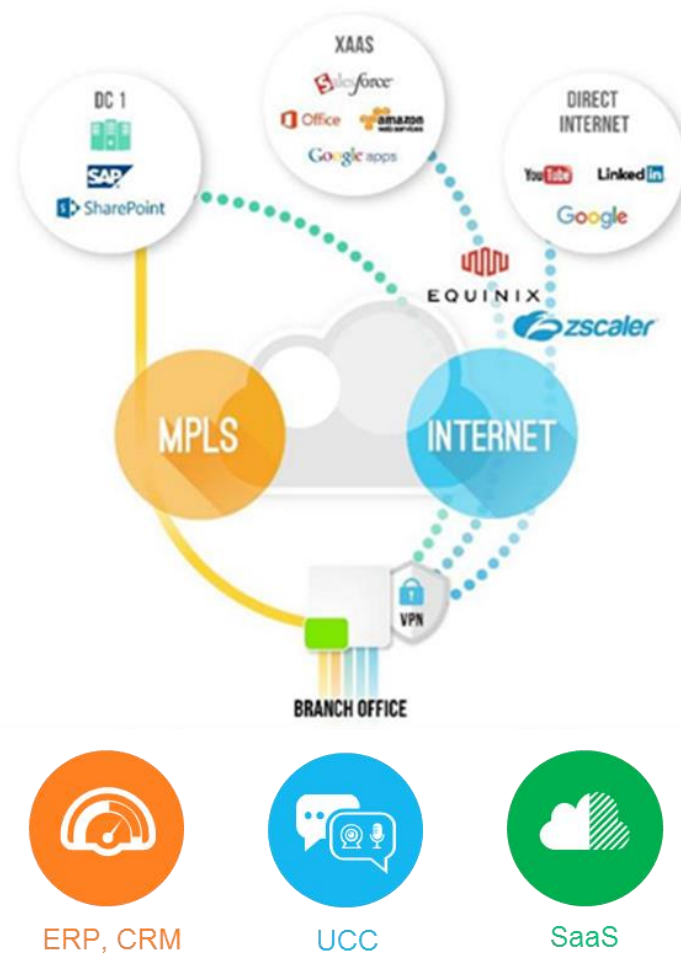
About Zscaler

Zscaler is transforming enterprise networking and security with the world's largest Direct-to-Cloud Network, which securely enables the productivity benefits of cloud, mobile and social technologies without the cost and complexity of traditional on-premise appliances and software. The Zscaler Direct-to-Cloud Network processes daily more than 160 billion transactions from more than 12 million users in 180 countries across 150+ global data centers with near-zero latency. Learn why more than 4,500 global enterprises choose Zscaler to enable end- user productivity, enforce security policy and streamline WAN performance. Visit us at www.zscaler.com.

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