

# PRODUCTS AND SERVICES

## CITRIX NETSCALER SD-WAN AND EQUINIX PERFORMANCE HUB

### Equinix and Citrix partner to solve the ultimate connectivity challenge to improve performance and maximize application reliability for all of your business branches and remote locations

Hosting data and applications in public and private clouds produce unprecedented flexibility to enterprises. While no longer restricted to the capacity of just their own datacenter, IT enterprises can focus on services—rather than on hardware—and take advantage of abundant storage, flexible compute, server redundancy and software as a service (SaaS) applications to build an infrastructure that helps their company grow.

Integral to this approach is the ability for multiple branch offices to connect directly to data and applications, wherever they reside, with a reliable connection that builds trust in users and delivers high application quality in the most efficient manner possible.

#### An Integrated Solution

An integrated solution, powered by Citrix NetScaler SD-WAN and Equinix Performance Hub™ with the Equinix Cloud Exchange™ (ECX), providing enterprises a network solution that is easy to manage, scalable and reliable. It creates connections directly from branch offices to Equinix locations around the world. These connections consist of secure tunnels built over multiple aggregated network links, including public internet, multiprotocol label switching (MPLS) and wireless.

The solution selects the best path for each application to ensure high application quality and instantly fails over if a network connection is lost or becomes degraded. With this, branch offices can securely and reliably connect to ECX.

The powerful ECX service provides low latency and cost-efficient connections to cloud providers such as AWS, Google Cloud and Azure—as well as optimized connections to SaaS applications such as Microsoft Office 365. With ECX, enterprises can also enable cloud failover and business continuity solutions and quickly spin up additional cloud compute and data analytics resources when workload spikes occur.

#### Components

##### Citrix NetScaler SD-WAN

The NetScaler SD-WAN solution provides optimal application performance across any type of network connection. By combining software-defined wide area network (SD-WAN) intelligence with WAN optimization and deep visibility into application delivery performance, NetScaler SD-WAN delivers a reliable, secure, and high-quality application experience for enterprise, cloud and SaaS applications.

##### Equinix Cloud Exchange (ECX)

This multi-cloud “switchboard” offers advanced interconnection capabilities that make it easier to manage virtual connections to multiple cloud services, while removing concerns about security, performance, reliability and vendor lock-in. Using the ECX Portal or application programming interface (API), enterprises can easily allocate, monitor and modify virtual circuits in near real-time.

##### Equinix Performance Hub

An extension node of the existing enterprise WAN infrastructure, Performance Hub empowers companies to readily transition from an individual, IT-centralized legacy architecture to one that is distributed and offers complete interconnection at the edge.

#### Features & Benefits

- Maximize reliability and throughput to SaaS applications such as Office 365 and salesforce.com
- Directly connect to the internet and cloud
- Maintain high performance for mission critical applications even when a network or cloud link fails
- Support cloud migration with integrated security to protect enterprise data
- Simplify IT with integrated VPN termination, routing and WAN optimization to reduce network footprint

#### About Citrix

Citrix (NASDAQ:CTXS) aims to power a world where people, organizations and things are securely connected and accessible to make the extraordinary possible. Its technology makes the world's apps and data secure and easy to access, empowering people to work anywhere and at any time. Citrix provides a complete and integrated portfolio of Workspace-as-a-Service, application delivery, virtualization, mobility, network delivery and file sharing solutions that enables IT to ensure critical systems are securely available to users via the cloud or on-premises and across any device or platform. With annual revenue in 2015 of \$3.28 billion, Citrix solutions are in use by more than 400,000 organizations and over 100 million users globally. Learn more at [Citrix.com](http://Citrix.com).



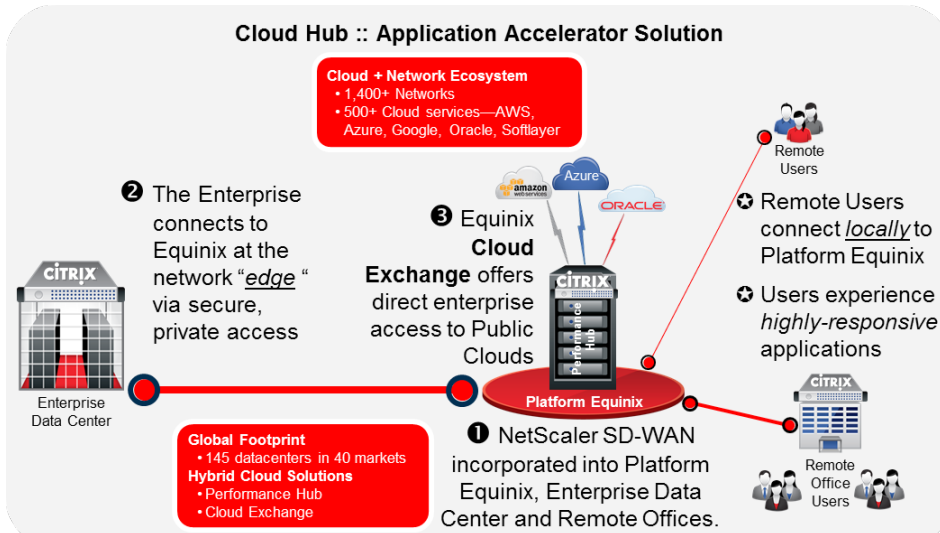
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### Solving Business Challenges

1. Today's cloud-based applications deliver **poor user experience** due to performance issues
2. Delivery of applications and IT resources to **globally dispersed customers, partners and employees** can prove challenging
3. Access to **cloud compute and data lakes** present systems architecture, compliance and governance challenges



### Benefits

#### Take advantage of the benefits of the cloud

Connect to multiple public and private clouds and SaaS applications reliably and securely. Switch between clouds as needed in failover and disaster recovery scenarios.

#### Connect directly from branches and remote locations

Reduce or eliminate backhauling traffic to the data center and improve the quality and throughput of branch connections.

#### Simplify branch infrastructure and network

Lower the cost of building and supporting the IT infrastructure of individual branch locations with an integrated edge appliance that combines routing, VPN termination, SD-WAN and the ability to spin up and down additional cloud compute resources instead of building additional infrastructure.

#### Eliminate network blind spots

Gain visibility into the connections from the branch office to the cloud with detailed reporting on network links, service provider SLA compliance and application performance.

#### Lower telecom costs

Use public broadband or virtual cloud connections in addition to (or in place of) more expensive MPLS and direct connect links for more bandwidth at a lower cost.

#### Reduce latency

Equinix International Business Exchange™ (IBX®) data centers offer low latency connections due to their close proximity to cloud and network server farms. Citrix users can achieve sub-one millisecond response times for data traveling between the NetScaler SD-WAN and major cloud services. This low-latency advantage ensures consistent high performance for demanding solutions such as Big Data analytics and high volume transactional databases.

### About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most interconnected data centers. In 44 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies. In a digital economy where enterprise business models are increasingly interdependent, interconnection is essential to success. Equinix operates the only global interconnection platform, sparking new opportunities that are only possible when companies come together.

Learn more at [Equinix.com](http://Equinix.com)

#### Equinix Americas

Main: +1.650.598.6000  
Email: [info@equinix.com](mailto:info@equinix.com)

#### Equinix EMEA

Main: +31.20.754.0305  
Email: [info@eu.equinix.com](mailto:info@eu.equinix.com)

#### Equinix Asia-Pacific

Main: +852.2970.7788  
Email: [info@ap.equinix.com](mailto:info@ap.equinix.com)

Partner Website  
[Citrix.com](http://Citrix.com)