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Achieving network agility with BranchConnect

PROEN BranchConnect Software-Defined Wide Area Network (WAN) unifies disparate networks to deliver simplicity and ease of management to the enterprise WAN. This enables your business to talk full advantage of hybrid networks without having to deal with complex setup and configuration. It empowers you to make changes to the WAN quickly and efficiently in response to business needs.

30x
**Up to 30x More
Bandwidth per Baht**

10x
**10 Times Faster
Deployments**

7x
**7 Times Total
Cost Reduction**

Enterprise Challenges

As enterprise applications move into the cloud and employees become more mobile, your organisation has to deal with the increasingly complex WAN environment that combine multiple private networks and public internet services.

The complex configuration required to ensure that these different network services can work together, the lack of flexibility when it comes to scheduling network resources and limited visibility into WAN performance across the different networks are all additional challenges to manage.

What is Software-Defined WAN?

PROEN BranchConnect Software-Defined Wide Area Network (WAN) helps simplify the WAN environment by establishing a unified network plane across disparate network and providing a central hosted solution for WAN management. This gives your enterprise better visibility into the entire WAN, simplifying network management so that you have better control over issues such as performance, packet loss, bandwidth and security.
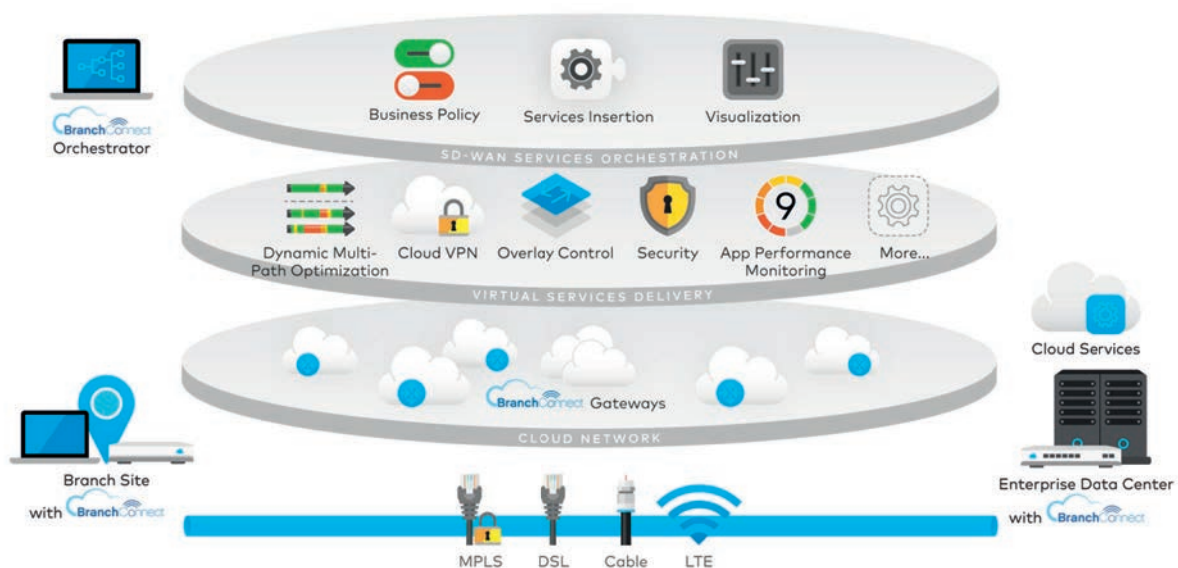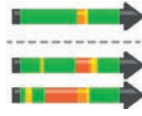

BranchConnect Architecture

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Features

Bandwidth Elasticity and Single Secure network

Deliver hybrid WAN with high performance, reliability and transport, and provider flexibility to assure optimal performance even for demanding applications, such as voice and video.

Intelligent networking

BranchConnect allows businesses to make use of the most cost-effective links and ensures that the network is agile enough to respond to business needs.

Simplified and centralised network management

Orchestrator provides centralized enterprise-wide installation, configuration and real-time monitoring in addition to orchestrating the data flow through the cloud network.

Benefits

Reduces WAN complexity

• Centralised console simplifies WAN management across disparate networks and multiple network topologies. This means network security management is also simplified.

• Easy to set up and manage with minimum configuration needed to deploy the basic network.

Improves business agility

• Allows the enterprise to deploy connectivity to new sites easily.

• Enables changes in network policies to be rolled out quickly in response to changing business needs.

Enhances network visibility

• Gain enterprise-wide visibility into WAN circuit performance and application usage and flows.

• Empowers enterprises to change or fine-tune networking policies for better alignment with business needs.

• Real-time notification with Email and SMS Alert.

Optimises connectivity

• Data and application-aware capabilities enable traffic to be routed across the most efficient connections based on business requirements.
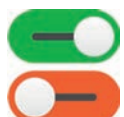
• Prioritises critical applications.

Why PROEN BranchConnect

Strong of ICT expertise

We can help you design, deploy and manage a cost effective, secure and reliable networking solution.

End-to-end coverage

Our managed service fit in with a wider portfolio of managed end-to-end network security solutions, giving enterprises a wider range of connectivity options to meet business network requirements in the deployment of the WAN.

PROService 24x7x365

Eliminate the time spent designing ICT systems. As a one-stop service provider, we deliver convenient and comprehensive support through a single helpdesk which covers the MPLS network and the Internet, network optimisation, network security, management and troubleshooting.

Powered by PROEN INTERNET
We do for your success
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Software Defined Wide Area Network = Network Virtualization

Bring Your Own Bandwidth

- Support wired and wireless technologies
- Support private and public transport

Cloud Managed

- Zero-Touch provisioning
- Global management access

Brownout Detection and Remediation

- Detect link degradation or destination failure
- Steer traffic around bad links

Intelligent Load Balancing

- Utilize all available bandwidth
- On demand link steering to metered connections

Business Policy Routing

- Build routing policies based on applications not destinations
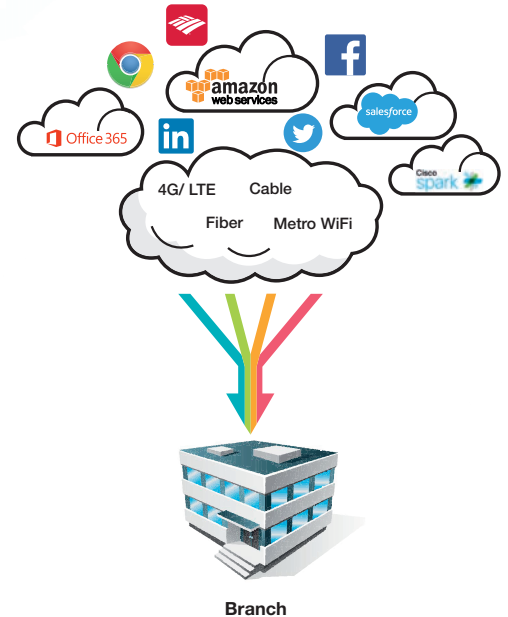
Monitor and Report

- Report on application performance
- Monitor links for SLA adherence

Link Performance Remediation

- Forward error corrections
- Maintain sessions on link steering

Application Awareness

- Understand applications link type preference
- Steer applications to links that suits it best

4G/ LTE   Cable   Fiber   Metro WiFi

Branch

Recap: How to build the business case

While it varies by SD-WAN vendor, substantial savings on bandwidth, equipment and people can be realized, even during a pilot or partial deployment. Cost savings range from 30-50% vs. existing WAN spend. When required upgraded requirements are accounted for, savings in the range of 50-80% vs. upgraded WAN spend can be seen

1 — Circuit infrastructure savings

- 2-100x bandwidth increase - with savings
- Reduce or remove MPLS spend
- No more Active : Passive and (largely) wasted circuits

2 — Equipment CAPEX and maintenance savings

- No one time or leased CPE cost
- No ongoing maintenance fees
- Often no longer need WANOp devices (& maintenance)

3 — Operational resource savings

- No truck roll required
- Less engineering resources at every stage – design, configure, test, install, manage, report
- DIY Moves & Changes – no MAC fees from managed provider

Extra Vendor Management overhead:
Increased number of circuit vendors in scope

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