

THE WORLD'S BEST-CONNECTED SD-WAN SERVICE

NETWORKING NEEDS RADICAL EVOLUTION

Year after year, the systems and processes managing a global network environment have hardly changed. The vast majority of global Enterprise networks operate on old technology and on-site manual processes – but in a comparative eye, employees have transformed the way they use network resources - and the engine driving all of this is the “Cloudification” of applications accessed on the Internet.

For networking team leaders, it’s an exciting time to rethink the WAN strategy. The Networking vendor industry has opened up to a new wave of innovation, developing powerful tools using the principles of cloud and software-defined networking technologies, and combining them with network automation and Artificial Intelligence (AI). In essence, we package all of these functionalities and more into our advanced SD-WAN service.

THE TOP NETWORKING NEEDS

The need for more control

Until recently, Enterprises felt like they could wrap their hands around their network with a well-defined network perimeter, ending up at the data centers. However, productivity changes are leading to the growing usage of applications and cloud platforms that sit outside the traditional network perimeter.

The need for extended network visibility

With more business applications outside the on-premises perimeter network, old networking monitoring tools, techniques, and processes have developed many blind-spots.

The need for more protection of the network

It is increasingly complicated to provide sufficient network protection that uniformly covers the workforce, workplace, and workloads. The risk of security breaches increases as the control environment becomes weaker with the growing number of SaaS and Cloud applications and unpredictable traffic patterns.

The need for faster provisioning

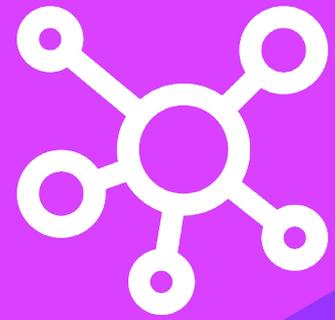
Making changes to the WAN, for example, deploying, modifying, or disconnecting network services, is slower in comparison to cloud provisioning experiences. Users notice these significant differences and become frustrated that their networks cannot adapt at the same pace.

MODERN NETWORKING

WAN Overlay Platform	
Branch security with firewall and IPS	Application optimization
Voice optimization	Malware protection and URL filtering
Multi domain End2End policy and segmentation	Rich services – Integrated voice and WAN optimization
Analytics for performance and troubleshooting	Application Based SLA

BUILD A RESILIENT OVERLAY, A STABLE UNDERLAY AND EVERYTHING IN-BETWEEN

Underlay Platform	
World’s best-connected Internet backbone (60% internet routes directly connected)	400GE Cloud-Scale Internet Backbone
Tier-1 dedicated Internet Access	Cloud on-ramps
Carrier-grade transport	300+ PoPs
Bandwith on-demand	On-site service gateway



#1 BUILD A RESILIENT OVERLAY CLOUDIFICATION OF NETWORKING

Centralized and unified control of the extended WAN

SD-WAN provides a cloud-based centralized controller that will cover the entire WAN and extended perimeter in the Internet and cloud to harmonize user experience.

Intelligent cloud and internet application visibility

SD-WAN provides application-oriented intelligence in greater detail with more in-depth and broader visibility of the connectivity performance to SaaS applications and cloud platforms.

Customizable network security controls

SD-WAN allows you to enforce policy-based controls in a centralized way using the principles of “zero-trust” security. Users’ identities are verified, establishing device trust before granting access to applications and workloads.

Faster Delivery

Telia Carrier will provision the SD-WAN service remotely and will authenticate and configure routers with near zero-touch deployment to make the service as convenient as possible.

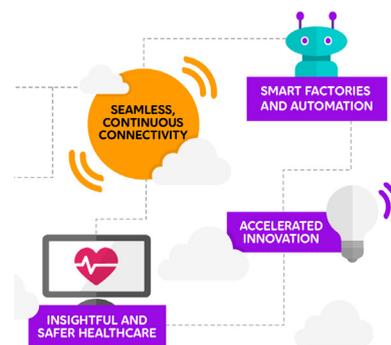
#2 BUILD A STABLE UNDERLAY NUMBER ONE INTERNET BACKBONE

Enrich the enterprise operational backbone

At the foundation of a digital transformation journey is the power to scale. Enterprises need a unified Internet underlay that provides ample bandwidth, wide service reach, and better management of Quality of Service (QoS).

Cloud-scale internet architecture

Telia Carrier operates the world’s best-connected Internet backbone that directly connects almost 60% of global Internet routes. It is the industry’s first full-scale, 400GE-ready network, using advanced cloud-scale routing technology. Enterprises can attach an underlay that will more effectively route network traffic with better pathways and minimal hops to business-critical applications.



#3 FREEDOM SIMPLICITY TO DO MORE

Simple and elegant solution

Telia Carrier is bringing to global Enterprises a more accessible way to modernize networking. What could otherwise be solved with expensive and time-consuming alternatives, our SD-WAN service enables Enterprises to manage and adapt network connectivity efficiently and consistently.

Graceful transformation

We provide a staged migration that lets SD-WAN coexist with existing network infrastructure and gradually merge to the new architecture during the migration journey.

Close to the technology

We keep our customers close to the technology of SD-WAN. We prevent unnecessary layering in between the network and the essential SD-WAN functions. Our customers define their levels of control.

SUPPORTING DIGITAL TRANSFORMATION

SD-WAN enables Enterprises to reshape their networking model by enhancing critical functions. Our clean-slate approach provides a modular and configurable service to support a stepwise transformation. With dynamic connectivity intelligence, networking costs are more controllable, allowing for a balanced dependency between MPLS links and Internet transport.

TECHNICAL HIGHLIGHTS

- Granular application visibility with a dashboard user interface
- Application traffic prioritization
- Centralized management of WAN edge routers
- Dynamically choose the optimal connectivity paths
- Cloud application performance management
- Customizable security
- Single Sign-On to overlay platform via Customer portal (MyCarrier)

Note: This document provides indicative service information and is not contractually or legally binding. Updated May 2020.