

PRODUCT BRIEF

A unified, edge-to-edge software-defined network to power your enterprise



Open Systems services are ISO 27001 certified.

A purpose built SD-WAN

Forget concerns about network connectivity – and focus on innovating for your business

Traditional WAN networks are complex, expensive, and increasingly difficult to secure. Modern enterprises, operating globally and leveraging cloud and mobile resources, require high performance connectivity and next-gen security in order to thrive.

The Open Systems Secure SD-WAN delivers comprehensive functionality and high performance tailored to your business – but also something more: AI-assisted automation and highly-trained engineers enable us to handle the vast majority of your network and security operations, ensuring fast traffic and quickly addressing security issues. Now you can concentrate on accelerating business growth with a secure, zero-compromise network.

Increase business agility and improve customer experience

Envision the next chapter of your organization's growth

The Open Systems Secure SD-WAN is purpose-built to simplify network and security operations to help IT teams increase business agility, optimize resources, and improve customer experiences and employee productivity.



Get application-centric visibility

Your business units are concerned about the performance and availability of their applications – not their IP addresses. The Open Systems Secure SD-WAN enables you to see network traffic usage – including encrypted traffic – per application, which then allows you to control how your available bandwidth is being consumed and set policies to route and prioritize traffic according to your needs.



Meet your SLAs with Bandwidth Control

Across your network, bandwidth will vary by location and connectivity types. In order to meet your SLAs you need to manage bandwidth carefully. Our unified SD-WAN provides fine-grained tools and metrics to exercise complete control over bandwidth usage per application, per location, and per connection, enabling you to optimize performance across your organization.



Protect uptime with dynamic Path Selection

Open Systems powers your network with smart load balancing and policy-based path selection per application, giving your business-critical apps another layer of performance protection. Now you can route every application over an optimal path, and similarly define per-app orders of preference in the event connections drop or are degraded. The result? Business-critical apps stay up and running.

Policy-based features that ensure high performance

Visualize network traffic at the application level, including cloud apps and customized apps

Hybrid packet inspection delivers fast, efficient, and seamless application matching

Protect business-critical applications via prioritization and traffic shaping

Ensure optimal bandwidth management globally through granular bandwidth control

Optimize connectivity utilization through parallel usage of all available connectivity paths

Improve application performance with optimal path selection per application and performance-based routing

Key differentiators

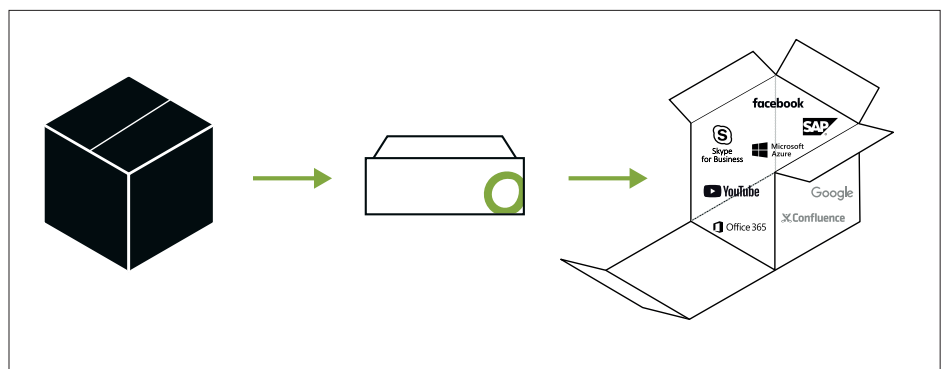
- Flexible mix of products/engines for packet inspection
- Built-in SSL encryption
- Common and customized application matching
- Real-time processing due to light-weight engine and fast throughput

Application Visibility

Track resource consumption and trends per business application

Why application visibility is crucial

A high-performance network layer is the basis for smooth operations of all business-relevant applications. Business unit managers thus require visibility on WAN activity and operations to ensure business application performance. That means a modern SD-WAN must deliver a business-understandable, application-centric view of the network layer that enables strategic decision-making.



Unpack the network traffic «black box» to reveal the application landscape

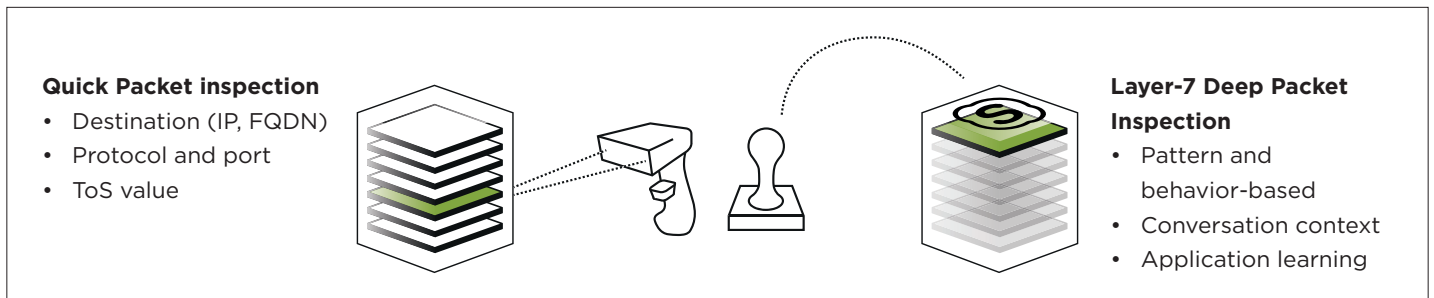
Get application-centric visibility

Open Systems Application Visibility means your network is no longer a black box. Track application usage, trends, and performance. Drill-down in real time for details and analytics of current network status, including IPs, protocols, ports, applications, and packet capture options.

How we do it

Fundamentally, application visibility is about identifying which application a network packet belongs to. To accomplish this, we carry out in-line packet inspection of all traffic. Our hybrid design allows both fast and resource-saving packet inspection via a Quick Packet Inspection mechanism on the network layer for most traffic, and a best-of-breed third-party layer-7 Deep Packet Inspection engine to identify more complex applications.

In addition, all SSL encrypted web traffic can be matched to an application if the SSL scanning option is activated on the Secure Web Gateway or via certificate SNI-matching on the Firewall.



A hybrid approach to packet inspection: fast and efficient Quick Packet Inspection and layer-7 Deep Packet Inspection

Key Differentiators

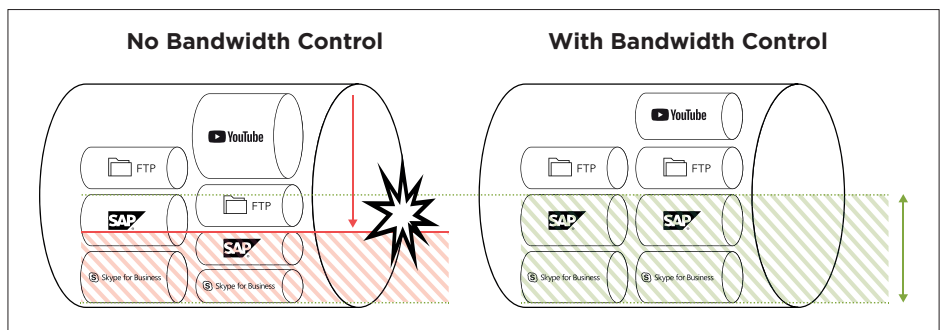
- Dynamic congestion-based QoS
- On-premises or cloud deployed
- Global bandwidth control policies

Bandwidth Control

Organize and prioritize existing apps to use available bandwidth intelligently

Why manage your available bandwidth?

As bandwidth is not unlimited, at some point you'll run into bandwidth capacity issues. Moreover, as every site is different in terms of available and required bandwidth, you need to manage the bandwidth you have wisely, being aware of different application needs.



Protect your business-critical applications in the event of congestion

Protect business-critical apps

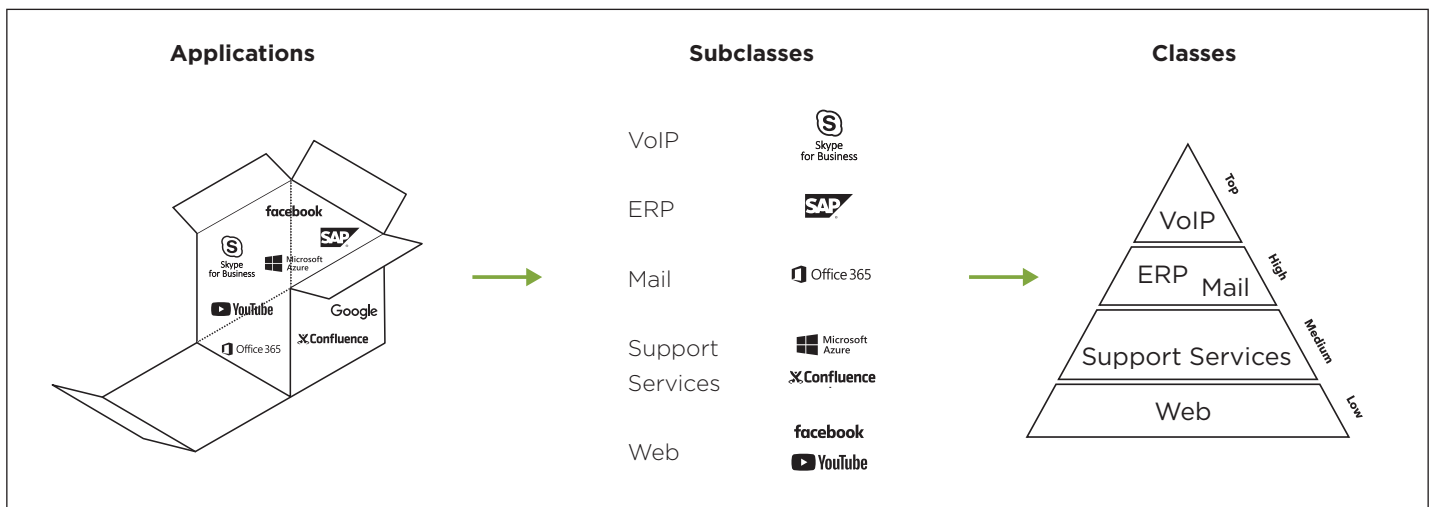
Before anything else, you'll want to protect business-critical applications from bandwidth shortages. Open Systems Secure SD-WAN enables this by leveraging prioritization and traffic shaping. Global or specific bandwidth control profiles allow you to adjust bandwidth settings per application, location, and connectivity type.

How we do it

Think of your most important business apps - VoIP, ERP, Mail. In order to protect these apps, we class them as critical, allocate sufficient bandwidth at every site, and protect that bandwidth from being used by non-critical apps, like support services or web traffic. In effect, we order your collection of applications, using classifications and even sub-classifications, to keep all of them in line.

In the event a bandwidth limitation is reached, low priority apps are throttled, using buffering and, where necessary, dropping packets. High priority apps are not buffered, or, in extreme cases, they are released first from the buffer.

Each connection in a given location receives a bandwidth «profile», which defines how available bandwidth will be distributed across the various classes (and sub-classes) of applications. You can optionally set limits on the available bandwidth for each class, which also enables you to ensure that some amount of bandwidth is always available for unforeseen requirements.



Group your applications into subclasses and prioritize them: top, high, medium and low

Key Differentiators

- Application and performance-based routing
- On-premise or cloud deployed
- Routing protocols built-in to SD-WAN

Path Selection

Perform application-based routing to optimize application performance

Why dynamically make use of all available lines?

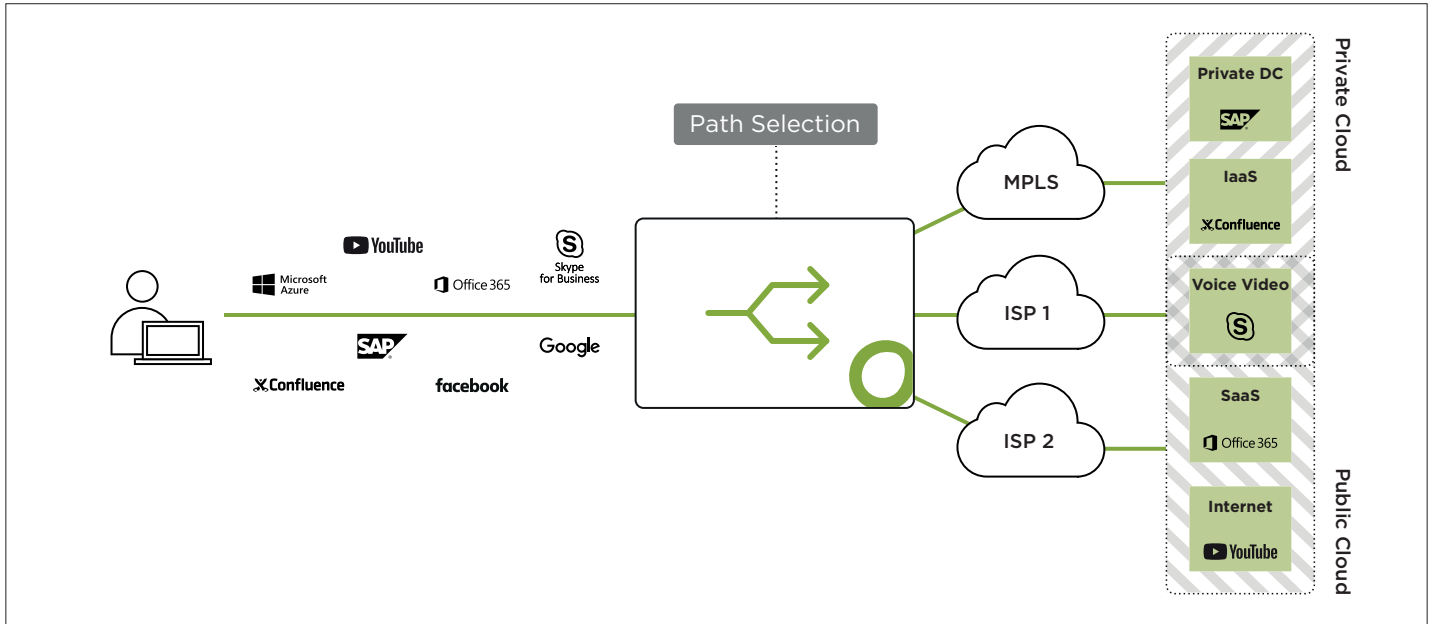
In order to maximize the available connectivity at each and every site, you need the ability to efficiently and flexibly direct traffic along your lines. Dynamically adapting your usage according to some essential criteria - bandwidth, reliability/quality, technology (ISP, MPLS, leased line), and latency - gives you the power to drive optimal throughput across all your connections in parallel.

Ensure your business apps take the best path

Path Selection allows you to establish per-application orders of preference for traffic routing along all available ISP links. Reserve your expensive, high-quality links for your most critical business apps, for example, and keep your non-business web traffic moving through inexpensive local lines.

How we do it

Open Systems has built a sophisticated path selection engine that's deeply integrated into our SD-WAN and ensures smooth operations across your network. For each and every packet, we identify the corresponding application, determine the applicable routing policy (static, congestion, or performance-based), and route the packet according to the optimal path.



Optimize connectivity utilization and application performance through smart path selection

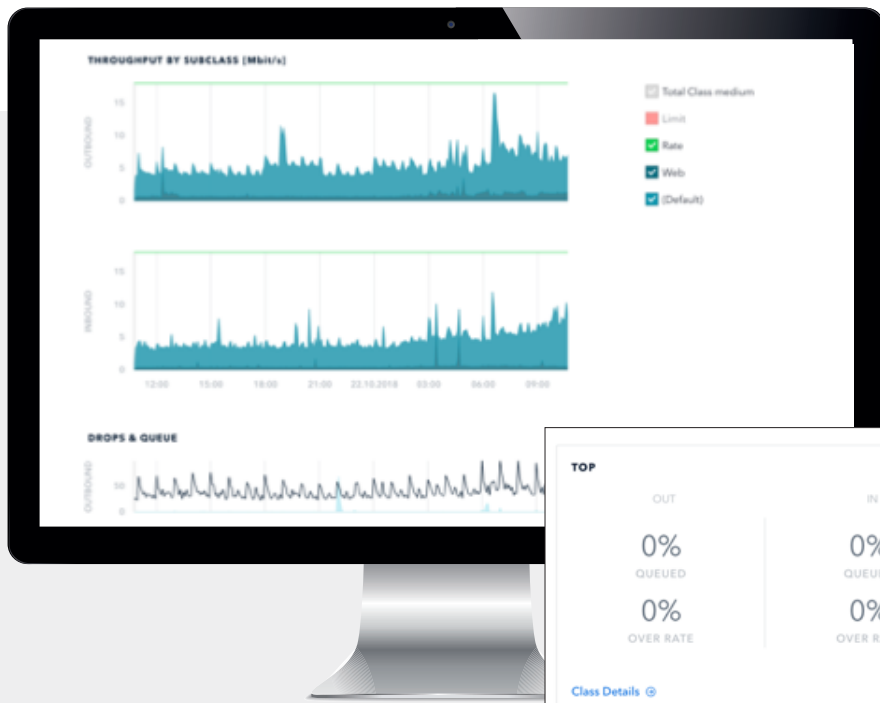
Open Systems Customer Portal

Monitor your SD-WAN performance with at-a-glance, real-time analytics. Our L3 engineers are ready 24x7 to assist if any issues arise.



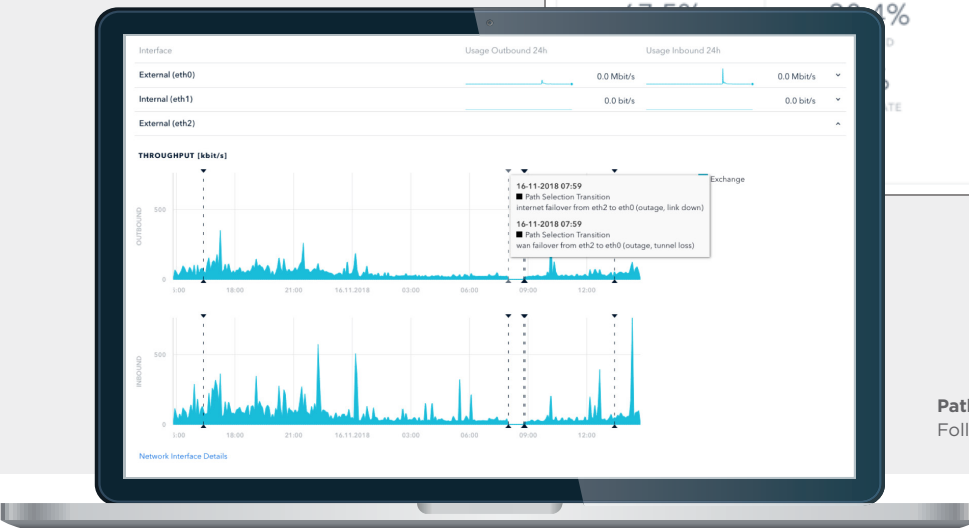
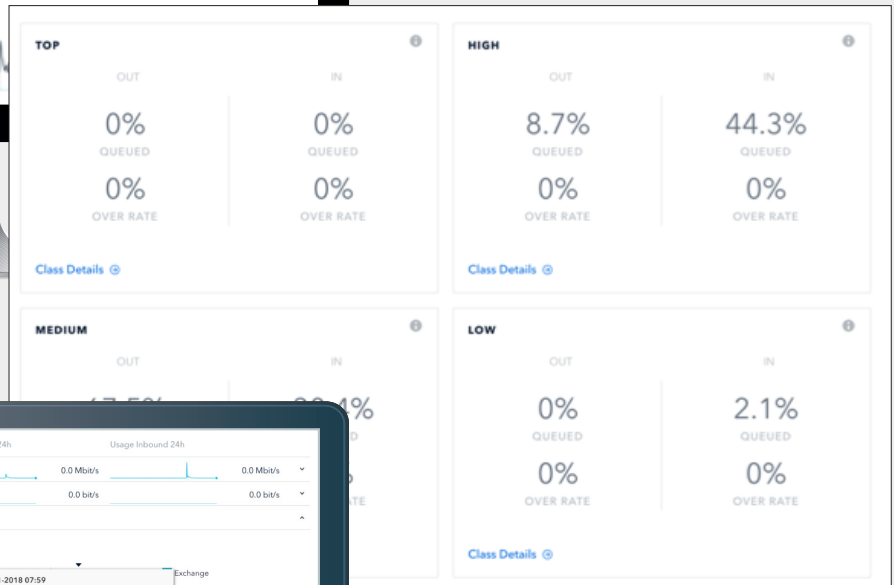
Application Visibility

Track application usage and trends to adapt quickly to business needs.



Bandwidth Control

See resource consumption and fine-tune policies to optimize bandwidth usage.



Path Selection

Follow connectivity performance and outages

You're known by the company you keep.
Meet just a few of our customers.



Open Systems is a leading global provider of a secure SD-WAN that enables enterprises to grow without compromise. With assured security, AI-assisted automation and expert management that free valuable IT resources, Open Systems delivers the visibility, flexibility and control you really want with the performance, simplicity and security you absolutely need in your network.