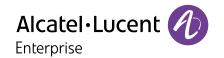


OmniFabric: Multi-technology fabric for enhanced security

A unique network fabric that ensures end-to-end security in a Zero Trust Network architecture with automated segmentation for both IT and OT environments.



The best security in any network architecture

A multi-technology autonomous fabric ensuring end-to-end security with automated segmentation for both IT and OT environments.



A unique solution offering embedded, **automated IoT device detection and segmentation**.



Multi-Technology Integration

Ensuring superior flexibility and performance.

Enhanced Cybersecurity

Protects data integrity and prevents unauthorized access with support for Zero Trust networks and micro-segmentation.

Built-in Automation

Advanced automation features streamline network operations, reduce manual intervention and minimize human errors.

Secure IoT Connectivity

IoT devices are automatically detected, classified, and contained in virtual segments.

Easy monitoring

Single pane of glass, augmented with AIpowered analytics. This is particularly beneficial for customers with limited resources.

Customizable Solutions

Offers the choice of multiple technologies to be used depending on the area or architecture -SPB in campus networks, EVPN in data centers, and MPLS in metropolitan area networks (MAN).

Enables operational technology teams

to connect devices to the network without increasing exposure to cyberattacks. This capability is included at no extra charge.

Flexibility and Interoperability

Compatible with environments where equipment from various vendors coexist, eliminating vendor lock-in and adapting to diverse underlying architectures, from edge to data center. It offers increased choices and freedom to customers.

Simplified Operations

OmniFabric ensures an easy learning curve and management with all protocols integrated in one Operating system.

Optimized Total Cost of Ownership (TCO)

With no hidden fees, simple procurement, ease of learning and unified management through Alcatel-Lucent OmniVista.

IT/OT Convergence

Available for both indoor and outdoor/and harsh environments.



OmniFabric

Enforcing security in your Network Fabric Technology choice

	SPB	EVPN	MPLS
Main Use Cases	Datacenter, Campus, IoT Networks	Datacenter	Service Provider & Mission critical networks
Scalability	Large	Large / Very Large	Large/Very Large
Resiliency	★★★★ High	★★★★ High	**** Very High
Ease of Deployment	Simple	Moderate to Complex	Moderate to Complex
Training Needed	Low	Moderate to High	High
Protocol Overhead	Low IS-IS only	Moderate BGP & VXLAN/MPLS	High LDP, RSVP, BGP
Troubleshooting	Simple & Fast	Intermediate time	Complex & Slow

Supporting SPB (Shortest Path Bridging), MPLS, and EVPN within a single AOS platform, OmniFabric network fabric provides unmatched flexibility, integrating seamlessly into diverse vendor ecosystems to prevent lock-in.

OmniFabric's advanced automation reduces manual tasks, minimizes errors, and simplifies complex network management. It's a cost-effective solution that includes essential cybersecurity measures, such as microsegmentation and AI-powered analytics, at no extra charge. From smart buildings to critical infrastructure, OmniFabric adapts to various use cases, delivering reliable, end-to-end security that lowers Total Cost of Ownership while enabling IT/OT convergence.

