DATA SHEET

Secure SDWAN

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Overview

Secure SDWAN is a flexible, high-performance WAN connectivity solution that forms the foundation of a Zero Trust-capable network. Built on the same core technology as our flagship **ZERO SDWAN,** it delivers resilient, software-defined connectivity, application-aware routing, and dynamic multi-path failover – with no reliance on legacy MPLS or static WAN design.

Designed for modern hybrid networks, Secure SDWAN offers full control, visibility, and flexibility – and is upgrade-ready for deeper integration with the **Evolving ZERO** platform.

Key Capabilities

Capability	Description
Dynamic Multi-WAN Support	Combine broadband, Ethernet, FTTP, LTE/5G
N+N Failover & Aggregation	Sub-second failover and bandwidth aggregation across diverse carrier links.
Outsourced Carrier Management	Evolving manages ISP procurement, provisioning, and performance – with diversity and redundancy built into every connection.
Application-Aware Routing	Prioritise business-critical apps with native bi-directional QoS
Encrypted Overlay Transport	All traffic is tunnelled and encrypted over a resilient mesh.
Layer 2 + Layer 3 Topologies	Create flexible virtual network designs – extend VLANs or route between sites.
Centralised Telemetry	Monitor traffic using integrated analytics and health metrics.

Architecture Components

- **EVX – Evolving SDWAN Edge:** Our high-performance network appliance, installed on-site or in the cloud, providing SDWAN routing, tunnelling, and traffic enforcement.
- **Encrypted Overlay Network:** Secure transport using WireGuard-based tunnels.
- **Cloud Orchestration:** Centralised management and policy updates via the Evolving ZERO platform.
- **Real-Time Path Monitoring:** Circuit health and flow data continuously monitored for performance and failover decisions.

Upgrade Path: Integration with the ZERO platform

Secure SDWAN can be seamlessly extended, unlocking advanced Zero Trust networking, identity-aware security, and policy-based segmentation.

Seamless Upgrade Paths (via ZERO platform)

- **Zero Trust Firewall:** Replace port-based filtering with identity-aware trust policies.
- **Universal ZTNA:** Enable user and workload access based on identity, not IP.
- **Zero Trust Network Segmentation:** Dynamically contain or segment high-risk assets.
- **Cloud/Datacentre Gateways:** Full integration with public/private cloud via BGP and secure overlays.

Modular Extensions (available with ZERO platform)

- Client or clientless ZTNA.
- Zero Trust segmentation without VLANs.
- Secure Web Gateway and SSE features.
- Identity-based analytics and policy enforcement.
- Integration with IAM, SIEM, and asset management tools.

Use Cases

- Replace MPLS with encrypted, intelligent SDWAN.
- Connect cloud, branch, and HQ with real-time path intelligence.
- Simplify WAN operations while gaining security and performance.
- Stage a future transition to Zero Trust with ZERO platform readiness.

Outcomes

- Reduced WAN spend and complexity.
- Flexible, resilient managed WAN with native security.
- Encrypted-by-default, high-availability networking.
- Application-aware performance improvements.
- Clear upgrade path to full Zero Trust architecture.

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