

SD-WAN

Solution Overview

SD-WAN, or Software-Defined Wide Area Network, represents a paradigm shift in how organisations manage their geographically dispersed networks. Unlike traditional, hardware-centric WAN architectures, SD-WAN leverages intelligent, centralised software to dynamically route network traffic across various connection types. This enables the system to automatically choose the most optimal path for internet and application traffic, ensuring consistent performance and rapid delivery.

SD-WAN fundamentally simplifies network management, enhances security postures, and drives cost efficiencies by intelligently utilising all available connectivity options. It's the ideal solution for businesses demanding reliable, flexible, and simplified network performance across multiple sites.

This service includes the following components and phases:

- **Hardware & Licences:** A one-time capital expenditure for the Meraki MX appliances and associated licensing, covering the initial procurement of physical devices and the cloud subscriptions that enable their functionality.
- **Managed Services:** A one-time engagement covering the critical phases of planning, deployment, and comprehensive testing of the SD-WAN solution, ensuring a successful and optimised implementation tailored to specific organisational needs. Ongoing, recurring services essential for the continuous operation, monitoring, and health of the SD-WAN infrastructure, including cloud platform access, support, and regular updates.
- **Connectivity:** Recurring costs associated with the underlying network links (e.g., broadband, MPLS, cellular) that form the SD-WAN fabric, acquired from various ISPs to create a diversified WAN.

Features

Core Capabilities:

- SD-WAN & Unified Threat Management (UTM) in one device.
- 100% cloud managed via the Meraki dashboard.
- Auto VPN (site to site and client) with IKE/IKEv2/IPSec.
- Advanced security: Layer7 firewall, SNORT based IDS/IPS, AMP, content filtering and SSL Inspection.
- WAN failover, performance-based routing and dynamic path selection.

Cloud Integration:

- AWS.
- Microsoft Azure.
- Google Cloud.
- Alibaba Cloud.
- Cisco NFVIS (private cloud).

Products

	Meraki MX67	Meraki MX67W	Meraki MX67C	Meraki MX68	Meraki MX68W	Meraki MX68CW	Meraki MX75
	Ex VAT	Ex VAT	Ex VAT	Ex VAT	Ex VAT	Ex VAT	Ex VAT
24 Month Contract	POA	POA	POA	POA	POA	POA	POA
36 Month Contract	POA	POA	POA	POA	POA	POA	POA
60 Month Contract	POA	POA	POA	POA	POA	POA	POA
NGFW Throughput	700 Mbps	700 Mbps	700 Mbps	700 Mbps	700 Mbps	700 Mbps	1 Gbps
VPN Throughput	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	900 Mbps
Max VPN Tunnels	50	50	50	50	50	50	75
LAN Interfaces	4x GbE RJ45	4x GbE RJ45	4x GbE RJ45	10x GbE RJ45 (2x PoE)	10x GbE RJ45 (2x PoE)	10x GbE RJ45 (2x PoE)	10x GbE RJ45 (2x PoE)
WAN Interfaces	1x GbE RJ45	1x GbE RJ45	1x GbE RJ45 +Cat6 LTE	2x GbE RJ45	2x GbE RJ45 + Cat6 LTE	2x GbE RJ45 + Cat6 LTE	1x GbE SFP + 2x GbE RJ45

Licence Options

Licence Type	Description	Included Features	Price
Enterprise	Ideal for when seamless site-to-site VPN connectivity with a firewall is needed.	<ul style="list-style-type: none"> Secure connectivity & basic security. 	POA
Advanced Security	Ideal for organisations with sites also connecting to the Internet; unified threat management security is required.	<ul style="list-style-type: none"> Secure connectivity & basic security. Fully featured unified threat management 	POA
SD-WAN Secure Plus	Ideal for organisations reliant on apps served by SaaS, IaaS or data-centre locations.	<ul style="list-style-type: none"> Secure connectivity & basic security. Fully featured unified threat management. Advanced analytics with ML. Smart SaaS quality of experience. Tag-based segmentation. 	POA

Service Level Agreement

Service Level Agreement	Description
5HR Onsite Fix 24x7x365	Engineer and parts to arrive on-site and service to be restored within 4 hours of SLA commencement

Early Termination Charges

Item Description	Charge Applied
Early Cancellation of Product	100% of remaining contract charges, less 10% cost saving and 10% early payment discount.
Contract downgrade or partial site removal	Calculated on remaining term for affected service(s), less 10% cost saving and 10% early payment discount