

ADRA Solution

	QGD-1600P / QGD-1600	QGD-1602P-C3558-8G / QGD-1602-C3558-8G	QGD-1602P-C3758-16G / QGD-1602-C3758-16G
CPU/RAM	Intel Celeron 4C / 4GB or 8GB	Intel Atom 4C / 8GB	Intel Atom 8C / 16GB
Storage (required, but not included)	2 x 2.5-inch SATA bays	2 x M.2 NVMe 2280 slots or 2 x 2.5-inch SATA bays	2 x M.2 NVMe 2280 slots or 2 x 2.5-inch SATA bays
Switch ports	14 x 1GbE RJ45 + 2 x Combo (RJ45&SFP)1GbE	8 x 2.5GbE RJ45 8 x 1GbE RJ45 2 x 10GbE SFP+	8 x 2.5GbE RJ45 PoE 8 x 1GbE RJ45 PoE 2 x 10GbE SFP+
PoE	Yes (only QGD-1600P)	Yes (only QGD-1602P-C3558-8G)	Yes (only QGD-1602P-C3758-16G)
Management port	1 x 1GbE RJ45	2 x 5GbE RJ45 2 x 1GbE RJ45	2 x 5GbE RJ45 2 x 1GbE RJ45
Recommended business scale	SOHO, workgroup	Small businesses	Small & medium businesses

2.5GbE/10GbE 25GbE Solution

	QGD-3014-16PT Desktop Smart Edge PoE Switch	QHora-322 Next-Generation three-port 10GbE SD-WAN Router
CPU	Intel Celeron 4C	Marvell CN9130 Quad Core Armv8 Cortex-A72
RAM	8GB	--
PCIe	--	--
HDMI	2	--
Ports	14 x 1GbE RJ45(PoE) + 2 x 1GbE Combo (RJ45 (PoE) & SFP) 2 x 2.5GbE RJ45 Management port	3x 10GbE ports 6x 2.5GbE ports

	QSW-M5216-1T Ultra-high-speed 25GbE fiber managed switch with 10GbE connectivity for backbone networks	QSW-M2116P-2T2S 90-watt 10GbE PoE++ and 30-watt 2.5GbE PoE+ Managed Switch for the Wi-Fi 6 Generation
Management Type	Web Managed	Web Managed
Ports	16 x25GbE SFP28 fiber ports 1 x10GbE RJ45 port	16x 2.5GbE 802.3at PoE+ (30W) ports, 2x 10GbE 802.3bt PoE++ (90W) ports 2x 10GbE SFP+ fiber ports

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QNAP

Bolster your defenses against Targeted Ransomware with QNAP ADRA NDR Solution

ADRA NDR is based on the **QGD-1600P/ QGD-1602P** smart switch series, providing additional intranet rapid-screening for businesses and enterprises. ADRA NDR can be positioned at switch level to help manage, monitor, and isolate suspicious activities.

Adaptive Threat Detection

Focus on the beginning of intranet network threats, manage suspicious and activities as early as possible.

Real-time Threat Analysis

Monitor lateral events and analyze threats to ensure first-time detection of suspicious activities.

Isolation Response

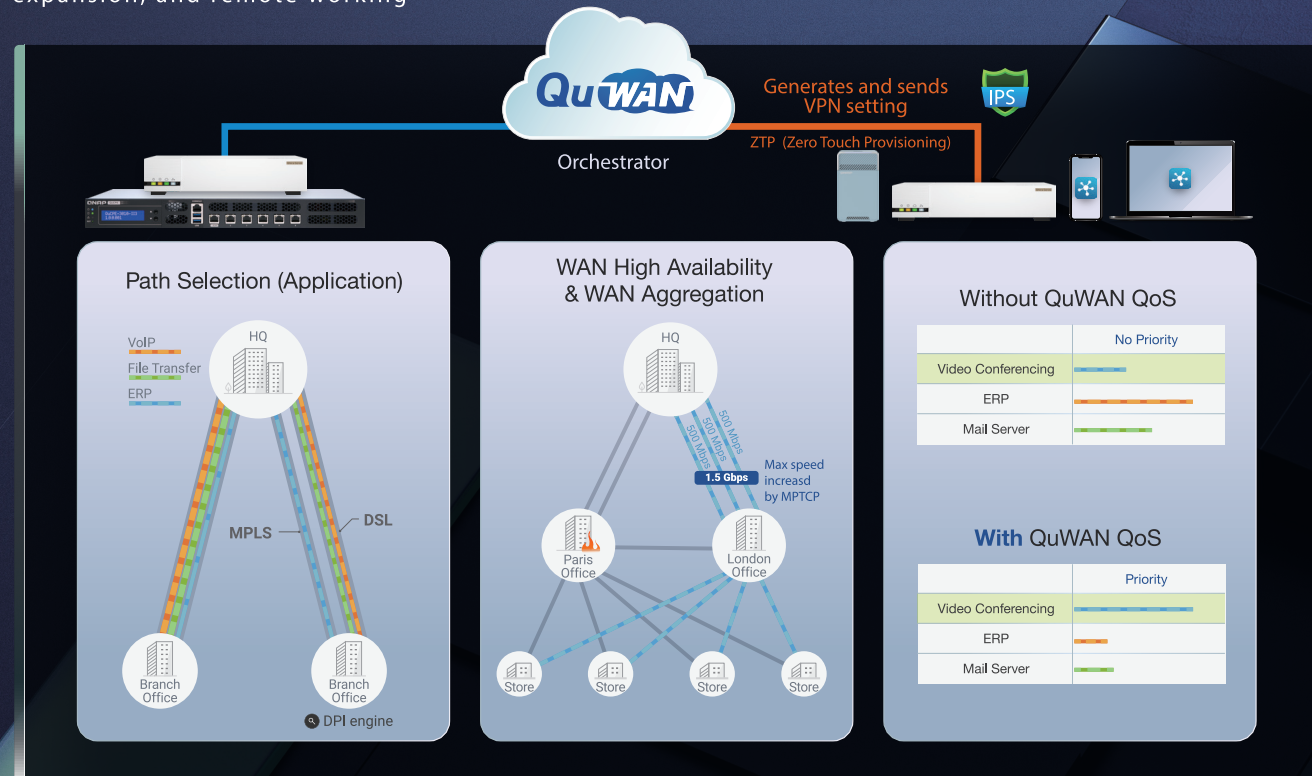
Isolate compromised edge devices to quarantine risks without affecting other edge devices at intranet level.

QuWAN

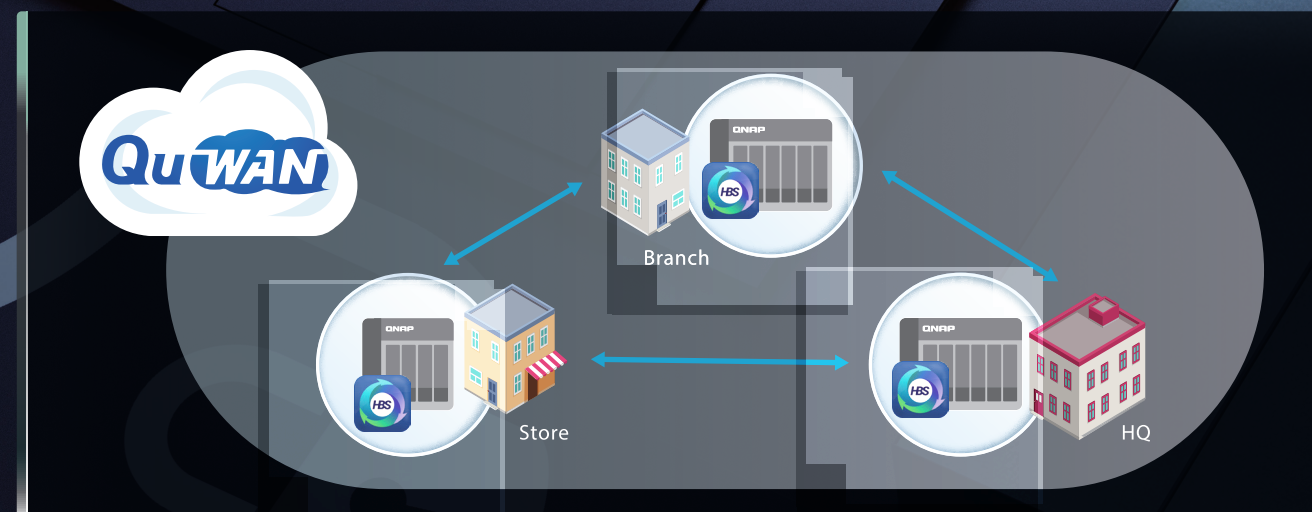
SD-WAN Solution for Resilient IT Infrastructure



QNAP's QuWAN SD-WAN solution features Auto Mesh VPN, IPsec encryption and cloud-centric management. Compatible with a wide range of QNAP solutions, QuWAN enables SMBs to efficiently build a dependable network at a cost-effective price while facilitating digital transformation, multi-site expansion, and remote working



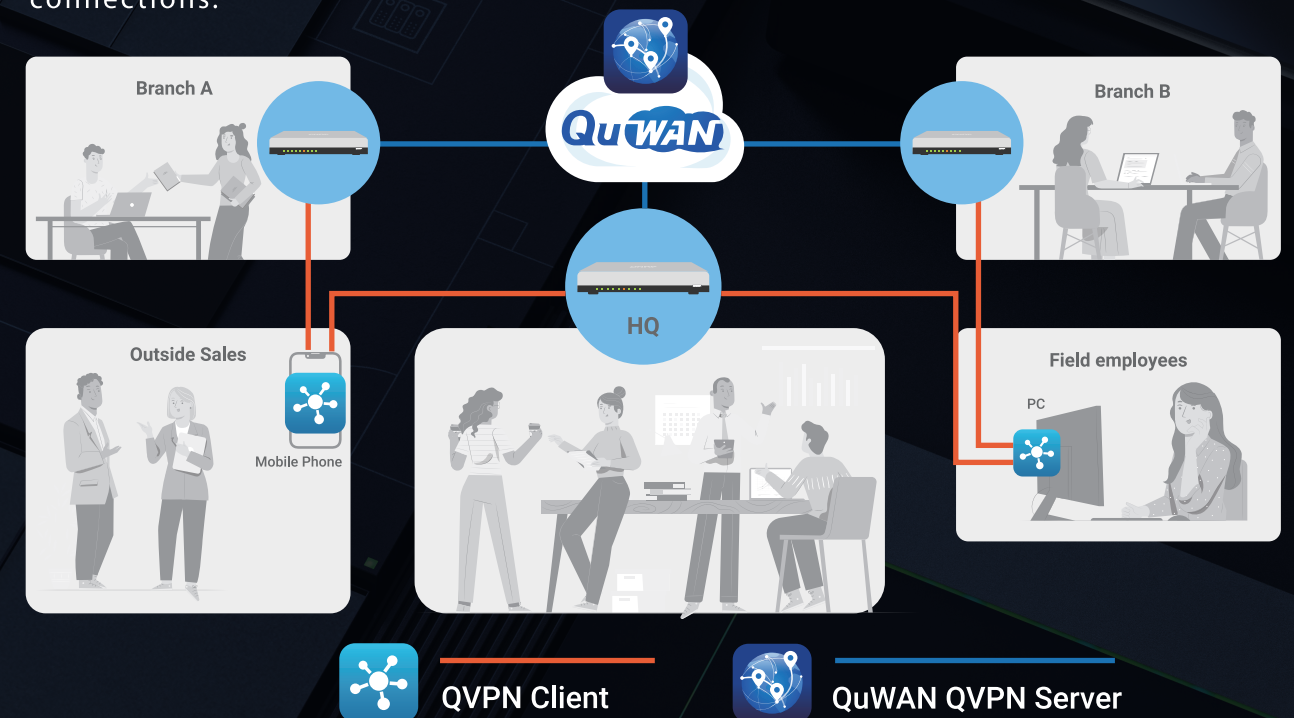
QNAP NAS comes with an excellent NAS backup/sync solution - Hybrid Backup Sync (HBS) - that allows you to easily backup/sync files on the NAS between different devices and services. When combined with QNAP's SD-WAN solution (QuWAN) that provides auto mesh connection, you can enjoy optimized and secure connections when backing up/syncing files between your devices.



Businesses can backup/sync their branches and stores to their Headquarters NAS using QuWAN.

Add multiple client devices to QuWAN Mesh VPN

In contrast to normal site-to-site VPN, QuWAN establishes an Auto Mesh VPN to free you from tedious manual static VPN route configuration. The QuWAN Orchestrator Cloud platform greatly simplifies and centralizes the large scale of Mesh VPN settings. With QuWAN QBelt VPN, QVPN Clients deployed on PCs or mobile devices can connect to VPN servers deployed on QNAP devices or other devices supporting VMware ESXi v7.0. Employees can easily join VPN with company's existing internal emails or accounts, and IT staff can also efficiently manage a large number of VPN connections.



Convenient single user account login to VPN

QuWAN supports Authentication Server and SAML SSO to allow users to join VPN with a single company email login easily and conveniently. IT staff can also use existing authentication to efficiently grant VPN access and monitor hundreds of VPN users.

onelogin

Google
G Suite

salesforce

Azure
Active Directory

okta
Microsoft
Active Directory
Federation Services