



Untangle SD-WAN Router

Your Network. Your Rules.™



WHY UNTANGLE?

Seamless Scalability

Secure, WAN-optimized connectivity for every location.

Intelligent SD-WAN

Untangle proprietary predictive routing technology for first packet, dynamic path selection.

Secure Internet Access

Untangle SD-WAN Router filters out high risk applications, hosts or URL's, and drops traffic that can cause harm to the network.

Untangle SD-WAN Router is a lightweight network edge router designed for branch office connectivity, WAN performance optimization, and business continuity. It provides the ability to route traffic over a Software Defined Network with key SD-WAN features such as multiple VPN links between sites, policy-based routing, and Dynamic Path Selection based on network conditions.

Branch Office Connectivity

Untangle SD-WAN Router simplifies and reduces the costs of branch office networking. Untangle SD-WAN Router, as a lightweight edge router, is designed for the needs and budgets of small offices.

Business Continuity

Untangle SD-WAN Router ensures that the most important business critical applications are prioritized, and includes flexible and powerful WAN balancing and WAN failover. With multiple WAN ports, Untangle SD-WAN Router balances network traffic in real-time over multiple Internet paths. Link monitoring and automatic failover eliminate network downtime.

Application Performance & WAN Optimization

Deploying an Untangle SD-WAN Router at a branch office boosts Internet connectivity with traffic shaping and QoS to prioritize business critical traffic. Real-time performance monitoring with WAN balancing improves the performance of existing inexpensive Internet connections to eliminate the need for costly dedicated links such as MPLS.

UNTANGLE NETWORK SECURITY FRAMEWORK

The way we work is evolving. Businesses have adapted to new cloud-based technologies and applications that have increased employee efficiency and provided a scalable pathway to continued business growth. Work teams, now comprised of employees working in headquarter offices, remotely, or branch offices, have become spread across increasingly large distances. While businesses realize a range of important benefits in this transformative era, managing these dispersed networks and their connected devices can bring new challenges of cost, complexity, and control.



Command Center

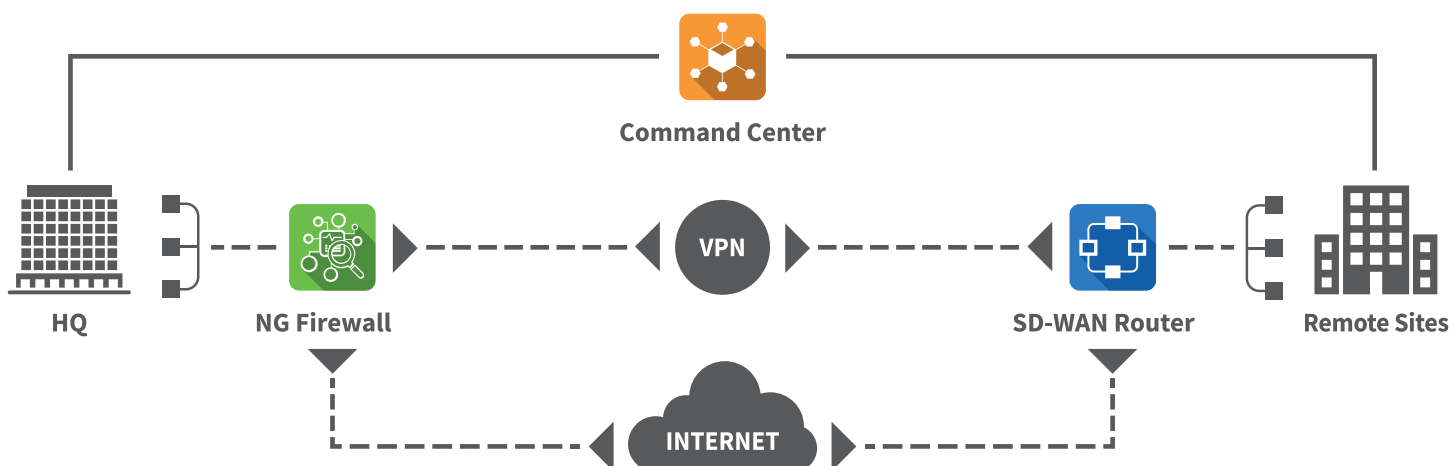


NG Firewall



SD-WAN Router

The Untangle Network Security Framework, comprised of our award-winning NG Firewall, Untangle SD-WAN Router, and centralized management platform, Command Center, is a comprehensive approach to network security orchestration. This framework offers a suite of cloud-managed security and connectivity options that work together to fit the needs of small-to-medium businesses and distributed enterprises. This integrated approach provides IT teams with the ability to ensure protection, monitoring and control across devices, applications, and events, enforcing a consistent security posture over the entire digital attack surface. Untangle puts IT back in control of dispersed networks, hybrid cloud environments, and IoT and mobile devices.



Advanced Security

- Protection, encryption, control & visibility anywhere
- NG Firewall, IPS, VPN & more
- Onboard security for small network appliances & IoT devices
- Full security processing on-premises or in the cloud

Intelligent SD-WAN

- Secure, WAN-optimized connectivity for every location
- Seamless scalability
- Untangle proprietary predictive routing technology
- Manage one or many appliances from Command Center

Cloud Management at Scale

- Zero touch deployment
- Configure & push policies
- Advanced alerting & reporting
- Visibility across globally dispersed networks & endpoints

MANAGED SERVICE PROVIDERS

Use Untangle Command Center to seamlessly manage multiple NG Firewall and SD-WAN Router deployments remotely through a single pane of glass for simplified security orchestration.

Contact our sales team to learn more about how Untangle can benefit your organization.

SD-WAN ROUTER FEATURES

Feature	Summary
Application-based Routing	Untangle proprietary predictive routing technology incorporates a sophisticated cloud component to identify applications at the first packet. This advanced technology enables Untangle SD-WAN Router to make routing decisions on specific applications or categories of network traffic.
WAN Optimization	Traffic shaping and Quality of Service prioritizes business critical traffic across WAN links.
Real-time Link Performance Monitoring	Jitter, packet loss, latency and throughput of each link are continually measured to ensure applications can be routed over the best performing links for their needs.
Dynamic Path Selection	Routing decisions are made in real-time based on actual current link performance of packet loss, latency and jitter conditions, as well as available bandwidth.
Multiple Internet Pathways	Multiple WANs can be used as primary or failover links. Application based routing can optimize performance over hard-wired links.
Configurable Performance Thresholds	Routing can be configured at the application level with failover conditions specified using limits for desired maximum packet loss, or latency thresholds.
Automated Link Failover	Network traffic will be routed to the next best performing link when a link fails, or fails to meet performance requirements.
Zero-Touch Provisioning	Network administrators can remotely set up and configure Untangle SD-WAN Router without having to be on site. Automatic upgrades ensure all appliances are kept up to date with the latest security updates and enhancements.
Centralized Management	One or many SD-WAN Router appliances can be managed from Untangle's cloud based Command Center, accessible from any browser. Full visibility of all deployments enables administrators to view appliance network status, important events, reporting data and push global configuration.

Secure Internet Access

Untangle SD-WAN Router includes a stateful firewall that filters out high risk applications, hosts or URL's, and drops traffic that can cause harm to the network.

Centralized Management

Simplify deployment and management with zero-touch provisioning and cloud-based centralized management. Every Untangle SD-WAN Router can connect to Untangle Command Center, making configuring and managing one appliance, or thousands of appliances, easy.

Deployment Options

Untangle SD-WAN Router comes on one of Untangle's eSeries appliances with WAN interfaces. SD-WAN Router is also available as a virtual appliance on VMware ESXi.

Licensing

Untangle SD-WAN Router is available with all the features and an unlimited number of devices or users. Licensing is based on throughput: Up to 50 Mbps, Up to 100 Mbps, Up to 300 Mbps, Up to 500 Mbps (only available for e6), and Unlimited.

eSERIES APPLIANCES FOR SD-WAN ROUTER

The Untangle eSeries appliances are lightweight, edge devices designed for branch office connectivity, WAN performance optimization, and business continuity. Featuring multiple WAN interfaces, the Untangle eSeries appliances support zero-touch provisioning and remote management via Command Center for seamless network integration into your branch office.



	e3	e6
Processor	ARM Cortex Dual Core	Intel Atom Quad Core
RAM	1 GB	2 GB
Storage	4 GB eMMC	8 GB mSATA SSD
WAN Interfaces	2x GbE	2x GbE / SFP Combo
LAN Interfaces	1x GbE	4x GbE
Wireless	-	-
LTE	-	-
USB Ports	2	2
Dimensions (w x d x h)	4.6" x 3.3" x 1.2" (117 x 84 x 30mm)	9.1" x 6.9" x 1.7" (231 x 175 x 43mm)
Unit Weight (lbs)	0.7	3.1
Shipping Weight (lbs)	1.3	5.5
Form Factor	Fanless Desktop	Fanless Desktop
Operating Temperature	32° - 113°F (0° - 45°C)	32° - 104°F (0° - 40°C)
Power Supply	12V2A Power Adapter	40W Power Adapter



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