



# Faster speeds and Redundancy with SDWAN

IN PARTNERSHIP WITH



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Swivel



# Swivel | SDN

Swivel SDN provides faster and more responsive Internet Access, along with built-in and automated network failover in the event of an ISP outage.



Combines the speed of each ISP Connection.



Provides multiple routes to the internet and your cloud resources.



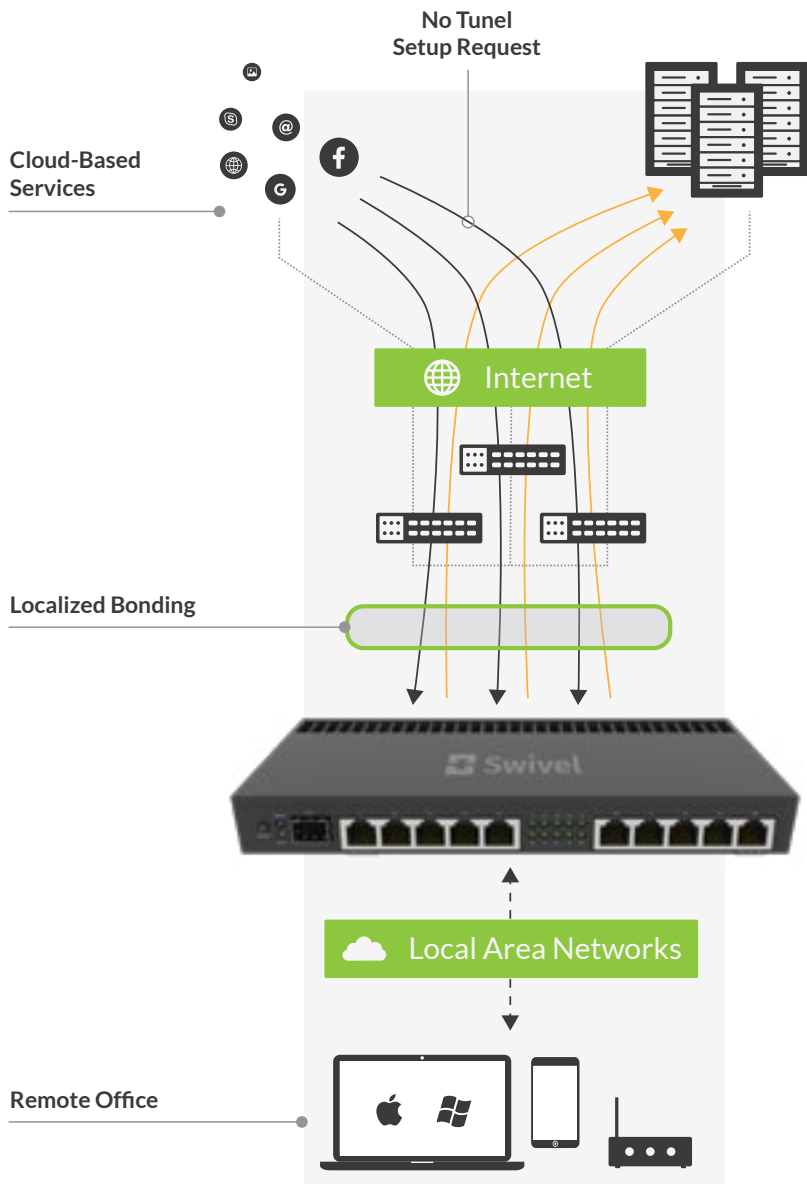
Automated failover, and best path out.



No data loss or downtime due to link outage.



Accelerates your cloud services, https, VOIP, etc.



# How does Swivel SDN work?

During normal operating conditions **Swivel SDN** improves Internet performance for customers that would like to optimize their network connectivity. Performance is improved by bonding multiple ISP WAN connections, which fully utilizes the bandwidth of each active link. Best Path Routing ensures that VoIP and non-http/https traffic always takes the most preferred route.

The preferred route is determined based on metric testing to each remote application server.

In the event of a network failure **Swivel SDN** will instantly and automatically re-route traffic so that end-users are unaware of the outage event.

**Swivel SDN** solution constantly monitors each WAN connection through a variety of deep path inspection ping tests. Mission critical applications like VoIP, RDP, Horizon View, Cloud Applications, and others are assigned QoS priority and our dynamic shaping functionality will automatically assign guaranteed bandwidth for these applications during periods of high network utilization.

## Simple Installation & Deployment

**Swivel SDN** makes it easy to deploy Network Services.

Our customers simply login to our **Swivel SDN** Customer portal, enter the IP address information for their network and Datacity ships the pre-configured appliance to the site.

The on-site personnel simply connect the appliance to the existing firewall device and the secondary Internet link. **Swivel SDN** support staff provides full step-by-step instructions for plugging the appliance in to the network. Deployments typically take less than 15 minutes.

**Swivel SDN** provides continuous monitoring & management of each deployment via our customer support panel.

Customers are given their own login to support panel, and can check the status of their various deployments any time day or night. **Swivel SDN**'s staff monitors all SDWAN connections via our network operations center.



**Swivel SDN** support panel enables our customers to monitor their own onsite devices, see how bandwidth is being used and view graphical reports on round-trip time and latency.

The **Swivel SDN** support panel also allows customers to submit, change requests and open tickets with our support staff.

### Availability

Path awareness intelligence and link remediation delivers best application performance by automated fail-over and fail-back mechanism.

### Management

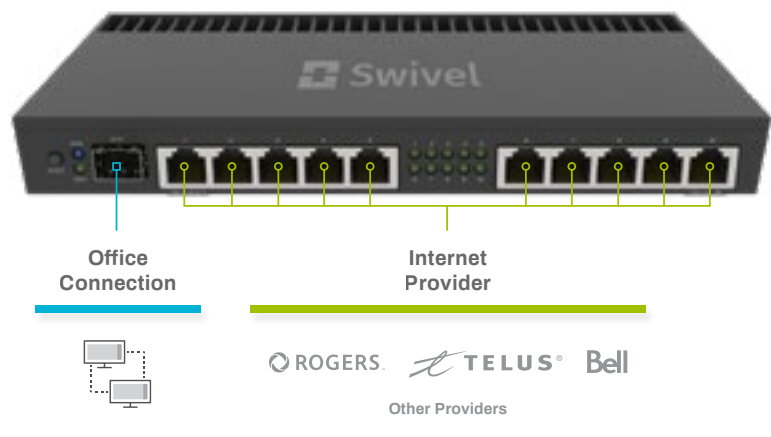
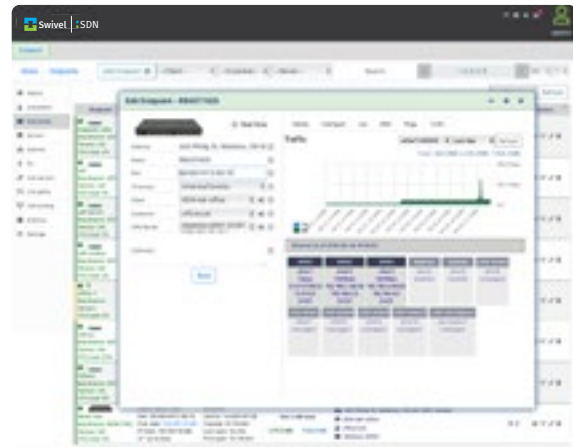
Single panel for management for the entire WAN simplifies deployment of SD-WAN and security.

### Performance

Improve cloud application performance by prioritizing business critical applications and enabling branches to directly communicate to the internet.

### Cost

Reduce operating expenses by migrating from MPLS and utilizing multi-broadband such as Ethernet, DSL, and LTE.



## Swivel SDN Onsite Device & Service Inclusions

### SPECIFICATIONS

#### SERVICE FEATURES

- Monitoring System
- Best Path Routing Functionality
- Dynamic Shaping & QoS
- **Swivel SDN** Support Panel
- Cloud Acceleration to **Swivel SDN's** Datacenter

#### ONSITE DEVICE SPECS

- 10 x 1Gb Ethernet Interfaces
- 1 x 10Gb SFP+ Port
- Multi-Core Router Processor
- 1U Rack Mount or Desktop Design

#### ONSITE DEVICE SECURITY

- Packet Level Firewall
- Integrated IDS/IPS
- Built-In DoS Protection