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# TAKE YOUR WAN TO A NEW LEVEL OF FLEXIBILITY AND AGILITY. Sify SD-WAN Services



# THE DIGITAL ENVIRONMENT

As organizations are transitioning towards cloud-centric infrastructure, it has become imperative for networking and security teams to establish secure and connected environments, regardless of the location of users or applications. To support a distributed workforce with secure, seamless access to business-critical applications, enterprises need a faster, flexible and secure way to manage their WAN.

# SIFY SD-WAN SERVICES

Sify delivers a managed SD-WAN (Software-Defined Wide Area Network) platform that is built in partnership with leading OEMs to enable the **network agility and security** imperative for today's enterprises. The SD-WAN platform supports customers' network needs across **multiple service providers** and multiple transport media.

Sify's managed SD-WAN services support various use cases around application performance, security, and routing to accelerate the digital transformation needs of businesses – providing visibility from a single pane of glass.

# MANAGED SD-WAN FEATURES

#### **ANY TO ANY ISEC VPN**

- Native IPSEC VPN support ■
- Any to Any IPSEC VPN between sites
  - Automatic rekeving
  - PSK and PKI support ■

#### **APP VISIBILITY & APP AWARE ROUTING**

#### App and sub-app discovery ■

- Custom app fingerprinting
- Custom app fingerprinting 
  Application performance-based path selection
  - WAN OPTIMIZATION

#### FEC .

- Packet striping
- Packet replication
- TCP optimization

#### **TOTAL VISIBILITY**

- CPE health CPU, RAM, IO ■
- Availability report site and link
  - Link statistics
- End-to-end path performance
- Per link, per site, per app analysis

#### SUBSCRIPTION-TIER CLOUD SUPPORT

- Bandwidth and feature based
  - Pay as you grow model
- Public cloud presence Azure, AWS

#### **CUSTOMER PREMISES EQUIPMENT**

- White labelled devices
- x86 based appliances
- Virtual appliance ESXi and KVM ■

#### TRANSPORT INDEPENDENCE

- MPLS
- Internet
- 3G/LTE
- DSL

#### **REAL-TIME PERFORMANCE MONITORING**

- Synthetic and inline measurement
- Uni-directional and bi-directional
- Latency, loss, jitter and MOS
- Identify performance issues on end-to-end WAN paths

#### **EFFECTIVE LOAD BALANCING**

- Across multiple WAN types
- Active-Active
- Active-Standby
- Per flow and per packet

#### **EASY MANAGEMENT**

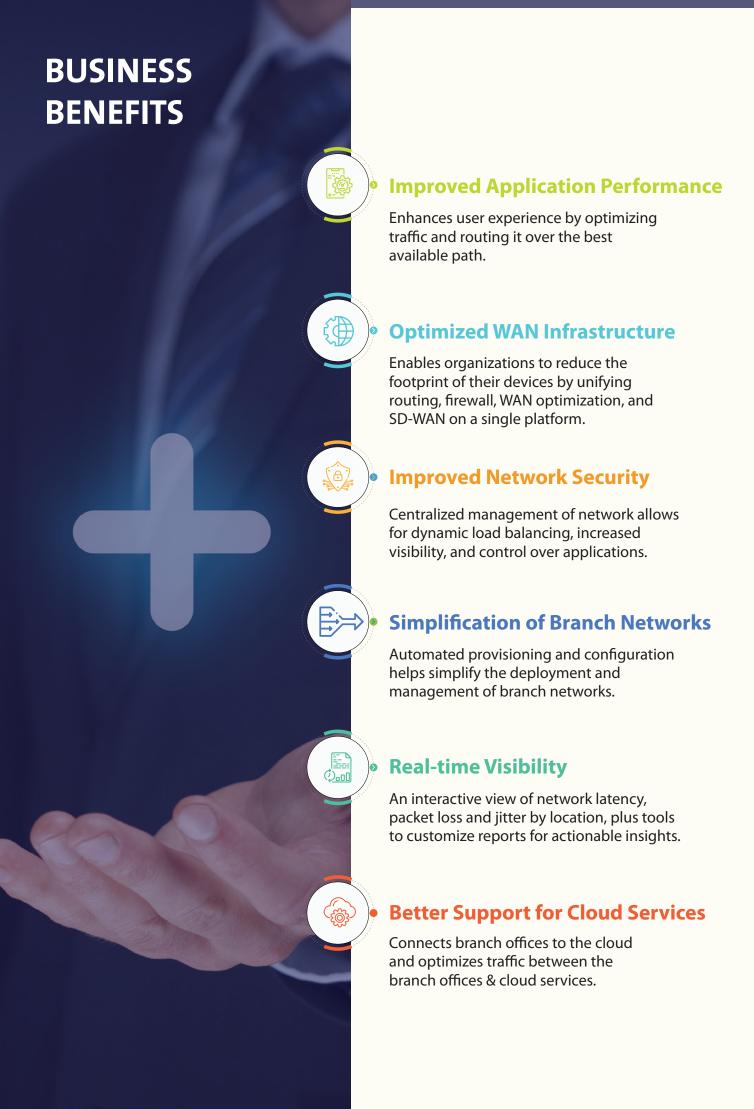
- Zero touch provisioning
- 2-factor authentication
- Template based configuration similar sites, feature-wise

#### **ROBUST SECURITY**

- Stateful firewall
- Web filtering
- IPS/IDS
- Anti-virus
- Segmentation and multi-VRF

#### **CENTRALIZED CONTROLLER**

- Cloud based HA mode
- $\blacksquare$  IPSEC and routing control plane
- Configuration, monitoring and analytics
- Multi-tenancy



# WHY CUSTOMERS CHOOSE SIFY

#### **End-to-end Managed Solutions**

Sify provides SD-WAN solutions and end-to-end managed services to drive efficiencies, boost engagements through insights, and deliver value beyond cost economics.

#### **Quick, Cost-effective** Rollouts

Sify provides hosted SD-WAN controllers for quick and cost-effective solutions for small and medium businesses.

### **Deep Engagement** with OEMs

Sify has on-going partnership with leading SD-WAN providers based on the customers' business-specific objectives.

## **Project Implementation Expertise**

Sify is experienced in implementing multiple large-scale green-field and migration-based SD-WAN deployments.

## **Network-agnostic Managed Services**

Sify manages multi-vendor environments through SLA-driven single ownership enabled by integrated NOC and SOC with 24x7x365 monitoring and management.

## **Extensive Operations** Support

Sify has presence in 1,500+ Indian cities offering significant resource support for supporting pan India customers.





# Unlock the full potential of your WAN with Sify's flexible and agile SD-WAN solution.

Experience seamless, secure, high-performance WAN connectivity that adapts to your business needs.

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