MTN SD-WAN

Power to your business is a future ready network today.

MTN

One Network | One Dashboard | Smart Control

WHAT IS MTN SD-WAN SOLUTION?

SD-WAN (Software-Defined Wide Area Network) is an intelligent software solution that enables businesses to optimize connectivity across multiple offices, branches, and remote workers. It delivers faster, more reliable, and secure connections, while also reducing operational costs.

MTN Uganda's SDWAN offerings are powered by globally trusted vendors such as Huawei, Cisco, and Fortinet to ensure high-quality performance and adaptability for enterprises of all sizes.

KEY FEATURES OF THE MTN MANAGED SDWAN SOLUTION

CENTRALIZED CONTROL AND VISIBILITY
SD-WAN provides businesses with a centralized platform to monitor, manage, and configure their entire network from a single point of control. This simplifies network management, provides real-time visibility into performance, and helps identify and resolve issues faster.

IMPROVED NETWORK PERFORMANCE
SD-WAN automatically selects the best available route for data traffic, ensuring that information flows quickly and efficiently across the network. This reduces latency, improves application performance, and boosts overall productivity.

COST SAVINGS
Traditional Wide Area Networks (WANs) often require expensive MPLS circuits and dedicated hardware. SD-WAN leverages existing internet connections (like broadband, 4G,5G or fiber), which can be more affordable, allowing businesses to save significantly on infrastructure costs.

RELIABILITY AND REDUNDANCY
SD-WAN solutions support multiple types of connections, such as broadband, LTE,5G and MPLS. This multi-link capability ensures redundancy, meaning if one link fails, another can seamlessly take over, ensuring minimal downtime.

CLOUD-OPTIMIZATION
With the increasing shift to cloud-based applications, SD-WAN ensures that cloud services are optimized by providing direct, secure paths for cloud traffic. This improves access speeds and reduces the risk of bottlenecks.

ENHANCED SECURITY
SD-WAN solutions often come with integrated security features such as encryption, firewall protection, and secure direct access to cloud applications. This helps protect data from cyber threats and ensures secure communication across all network locations.

FLEXIBILITY AND SCALABILITY
As businesses grow, so do their network needs. SD-WAN is scalable, allowing companies to easily add new branches or remote locations without requiring significant investment in hardware or time-consuming setup.

PRODUCT KEY FEATURES	DESCRIPTION
Intelligent Traffic Routing	Automatically selects the fastest, most reliable path for data based on network conditions. • **Cloud optimization where Traffic is optimally routed to improve application experiences**
Centralized Management	Allows IT teams to manage all network locations from a single, easy-to-use dashboard. • **Central Orchestration with cloud-based configuration and management** • **Application visibility: The cloud-based dashboard combines traditional network metrics with Layer 7 application** management
Enhanced Security	Built-in encryption and firewalls to protect sensitive business data.
Multi-Connectivity Support	Integrates multiple internet connections (fiber, 4G, 5G, MPLS) for seamless redundancy and performance. • **Hybrid networking connectivity**
Application Performance Monitoring	Prioritizes critical business applications like video conferencing and ERP systems.
Scalability	Easily add or remove branches without complex configurations.
Vendor Flexibility	Choose from Huawei, Cisco, or Fortinet platforms tailored to your specific business needs.

SD-WAN NETWORK FEATURES	DESCRIPTION
Managed Services Provider (MSP) Management	Tenant management Cloud inspection
Zero Touch Provisioning (ZTP)	Email-based deployment USB-based deployment DHCP-based deployment
Networking	Single-/Dual-CPE + Single-/Multi-link
Tunnel management	VPN tunnel IPsec encryption
Connection management	Site interconnection Local Internet access Centralized Internet access
Intelligent traffic steering	Link quality detection Application quality detection Traffic steering policy (based on link quality and application)
Monitoring, Operations & Management (O&M)	Intra-site monitoring Inter-site monitoring One-stop topology-based Operations & management (O&M) Rights- and domain-based management Real-time monitoring
WAN optimization	Adaptive Forward Error Correction (A-FEC) Multi-path packet duplication Per-packet load balancing
Cloud connectivity	Alibaba Cloud e-Cloud AWS Huawei Cloud Azure Google Cloud
MSP configuration	Network management service InterWorking Gateway (IWG) configuration
Native IPv6	IPv6 on Ethernet interfaces IPv6 interface deployment IPv6 GRE IPv6 static route

Large-screen monitoring	MSP/Carrier large-screen monitoring
Southbound access and openness	• Multiple southbound IP addresses for device registration • SND package management powered by southbound open programmability

SECURITY FEATURES	DESCRIPTION
Value-Added Services	QoS policy Access Control Lists (ACL) policy URL blacklist and whitelist Firewall policy Intrusion Prevention System (IPS) policy Antivirus

What packages are available for this service?

CLASSIFICATION	BUNDLE NAME	INCLUSIONS
Flagship Star Proposition	SD-WAN + Internet Bundle	SD-WAN solution bundled with high-speed internet connectivity (Fibre/4G/5G/LL/DIA). **Target Segment:** MSMEs
Advanced Security Offer	SD-WAN + Internet + Security Bundle	Includes SD-WAN and advanced security features like firewalls and VPNs. **Target Segment:** SMEs, LEs
Advanced Cloud Productivity Offer	SD-WAN + Internet + Cloud Access	Bundled with access to MTN Cloud Solutions for storage, collaboration (O365,Operator connect, etc.) **Target Segment:** SMEs, LEs
Advanced Integrated Offer	SD-WAN+ Internet + Security + Cloud Access	All-in-one solution including SD-WAN, advanced security, cloud backup & collaboration tools. **Target Segment:** SMEs
Advanced Integrated Premium Offer	SD-WAN + Internet + Security + Cloud Access + Co-Manage Service	All-in-one solution, including SD-WAN, internet, advanced security, cloud backup & collaboration tools, co-manage service **Target Segment:** LEs

How do I get the service?   ict4business.ug@mtn.com

MTN SD-WAN

Ready to experience the power of MTN SD-WAN for your business?

ict4business.ug@mtn.com
for more information

MTN