



NEXT GENERATION SD-WAN

is a transformational way to architect, deploy and operate corporate WANs, as it provides a simplified way of deploying and managing remote branch office connectivity in a cost-effective way.



VIRTUAL WAN FABRIC

- Secure overlay fabric
- Transport independence
- Network segmentation

SD-WAN GATEWAY

- Local policy enforcement
- WAN path selection, network QoS, firewall, service chaining
- Telemetry feedback loop to/from SD-WAN controller

SD-WAN CONTROLLER

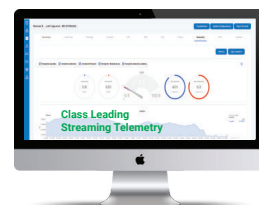
- Establishes and manages secure virtual overlay to sites
- Defines service chains to enable policy goals
- Manages distribution of interpreted policy to individual elements

MANAGEMENT PORTAL

- Single pane of glass for network configuration and management : cloud-hosted and on-premises
- Zero touch provisioning
- Portal where user defines global policies
- Aggregated visibility on application performance

SD-WAN FEATURES

Routing	OSPF, BGP, Static, PBR, PPPOE
User Experience	Application Prioritisation over available WAN
GPS (Optional)	Geo-Location tagging for device Geo-Fencing
VPN	Site-to-Site, L2TP, GRE, DMPVN, Remote VPN
QOS	Shaping Policy, Rate Limiter, Traffic Policies IPv4/IPv6, Traffic Shaper, DSCP Tagging
NAT	Source NAT, Destination NAT, NATv6, NAT Traversal
Network Visibility	Streaming Telemetry
Dynamic Multi-path Optimisation	KPI's-Jitter, Packet Loss, Latency, Per packet, Per Flow Load Balancing, Link Aggregation
Application Visibility	800+ Applications, Application Awareness
High Availability	VRRP, Clustering
WAN Overlay over Cloud	Public-AWS, Azure, Private
WAN Policy	WAN Aggregation, LTE and Broadband Intelligent KPI Based Switchover
Advanced LTE	LTE Primary and Bandwidth Aggregation Capability
Troubleshooting	Bandwidth Measure, IPERF, Packet Capture, Alerts, Logs



HARDWARE SPECIFICATION	
Appliance Model	iEdge-1000
Deployment Mode	Branch/Hub
Core/s	4/8
Chipset	Intel-C3758
CPU Architecture	x86
Memory(GB)	16-64
Storage	64-512 GB SSD
Network Interfaces	Universal 6x1G, 4x10G SFP+ Slots, 2x NIM Slots for Expansion
USB(Supports 3G/4G Dongle for WAN)	1x2.0, 1x3.0
V.35 Serial Port	Supported Through External Convertor
SIM Slot(3G/4G/LTE)	NA
Console	RJ-45
WiFi	NA
Power Supply	1+1 Redundant SMPS, Hot-Plug As Optional
Power Input(AC)	230 V
Power Rating(W)	120
Operating Temperature	0°C to 45°C
Humidity	5%-95% Relative Humidity, Non-Condensing
Physical Dimensions(LxWxH)mm	450x438x44
Weight(kg)	9.5
Form Factor	Rackmount 1 RU
AGGREGATED PERFORMANCE	
Aggregated SD-WAN Throughput(Gbps)	42
Aggregated IPSEC VPN Throughput(Gbps)	8.4
Packets Per Second(Mpps)	67
SESSIONS	
New Connections Per Second	Up to 450K
Max Sessions(IPv4 or IPv6)	Up to 4M
POLICIES	
NAT Rules	4000
ROUTING	
IPv4 Forwarding Table Size	Up to 6M
IPv6 Forwarding Table Size	Up to 750K
QOS	
Number of QoS Policies	3450
DSCP Marking by Policy	Yes
IPSEC VPN	
Site-to-Site	4000
INFINXT REMOTE ACCESS VPN	
Max Tunnels(Client Based IPsec)	2000
HIGH AVAILABILITY	
Device Count	2



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