



## NEXT GENERATION Secure SD-WAN

is a transformational way to architect, deploy and operate corporate WAN, 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
- User / Group based policies with support for Active Directory / LDAP or equivalent
- Centralized single console management of SD-WAN and UTM features

### 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
Security	IPS, Application based policies, Application aware routing, Anti-Bot, Anti-Malware, and URL Filtering
QOS	Shaping policy, Rate Limiter, Traffic Policies IPv4/IPv6, Traffic Shaper, DSCP tagging
NAT	Source NAT, Dynamic NAT, Destination NAT, NATv6, NAT Traversal, Static NAT, PAT
Network Visibility	Streaming Telemetry
Dynamic Multi-path Optimisation	KPI's – Jitter, Packet Loss, Latency, Per packet, Per Flow load balancing, Link Aggregation, TCP Optimization
Application Visibility	5000+ 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	
Product sku	iEdge-100
Appliance Model	iEdge100-SDWAN
Deployment Mode	Branch
Core	4
Memory	8 GB
Storage	64 GB SSD
Interfaces	Universal 4x10/100/1000 Mbps 2 x USB 1x HDMI
Power supply	1 X 230V 1.5A(50-60Hz) to 12V/19V 5A AC/DC adapter
Operating Temp	-10° to 65°C
PERFORMANCE	
SD-WAN throughput	2.8 Gbps
IPSEC VPN throughput	600 Mbps
Firewall throughput	900 Mbps
SESSIONS	
Connections per second	25000
Max sessions (IPv4 or IPv6)	240000
POLICIES	
NAT rules	500
ROUTING	
IPv4 forwarding table size	1000
IPv6 forwarding table size	1500
HIGH AVAILABILITY	
Devices supported	2
Max virtual addresses	1
QOS	
Number of QoS policies	93
Physical interfaces supporting QoS	4
DSCP marking by policy	Yes
IPSEC VPN	
Max IKE Peers	1000
Site to site (with proxy id)	1000
INFINXT REMOTE ACCESS VPN	
Max tunnels (Client based IPSec)	1000
MULTICAST	
Replication (egress interfaces)	45
Routes	95

\* Firewall Throughput is after enabling Firewall, IPS, Application Control



**Infinity  
labs**

Registered Office :  
Teerth-Technospace, C-609,  
Bangalore-Mumbai Highway, Baner,Pune, IN – 411045  
Website : [www.infinitylabs.in](http://www.infinitylabs.in)Email: [sales@infinitylabs.in](mailto:sales@infinitylabs.in)

- Founded in 2014, Infinity Labs is one of the fastest growing Technology Consulting & Software Solutions.
- Serving customers across the Globe (India, US, UK & Middle East)
- Solutions customised for Telecom, Banking, Media, Retail, Education & Government verticals