



Inflnxt

THE NEXT GENERATION SECURE SD WAN



NEXT GENERATION SECURE 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

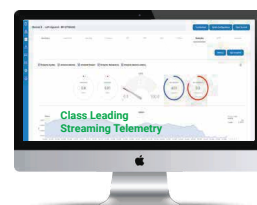
- Establishes and manages secure virtual overlay to sites
- Defines service chains to enable policy goals
- Manages distribution of interpreted policy to individual elements

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
- User / Group based policies with support for Active Alerts, Logs 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 Prioritization over available WAN |
| GPS (Optional) | Geo-Location tagging for device Geo-Fencing |
| VPN | IPSEC, L2TP, GRE, Client Access VPN with MFA DMVPN |
| QOS | Shaping Policy, Rate Limiter, Traffic Policies IPv4/IPv6, Traffic Shaper, DSCP Tagging |
| NAT | Source NAT, Destination NAT, NATv6, NAT64, NAT Traversal |
| Network Visibility | Real-Time Streaming Telemetry |
| Dynamic Multi-path Optimisation | KPI's-Jitter, Packet Loss, Latency, Per packet, Per Flow Load Balancing, FEC |
| 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, MTR, Speed Test, Traceroute, Alerts, Logs |



LAYER7 SECURITY CAPABILITIES

VISIBILITY

- Near real-time Reporting & Logging
- Drill-down Advanced Network Analytics
- More than 60 pre-defined Reports
- Application Visibility & Reporting
- Web/DNS/TLS Reporting
- Custom Reports
- PDF Reports

SECURITY

- Protects all ports
- Protect all users/devices
- Auto-blocking based on Real-time Threat Intelligence
- IPS/IDS Protection
- Malicious server filtering
- Phishing server filtering
- Protection against new Malware/Virus/Phishing Outbreaks
- Blocking newly Registered/Recovered/Dead/DynDNS sites
- Automatic Botnet Filtering
- Blocking DNS/ICMP Tunnels
- Policy based Transparent TLS/SSL Inspection

CLOUD CENTRAL MANAGEMENT

- Cloud Management
- Centralized Reporting
- Centralized Policies
- Cloud Scheduled Reports

CLOUD THREAT INTELLIGENCE

- Cloud Web Categorization
- Cloud Threat Intelligence
- Automatic Botnet Detection

FILTERING & COMPLIANCE

- Application Control
- Ad Blocking
- 300+ Million categorized Websites
- Customizable Web Categories/Whitelisting
- DNS based content filtering
- TLS/QUIC SNI based filtering
- Web & URL Filtering
- Customized Landing Pages for Blocked Sessions

USER-BASED FILTERING

- User-Based Reporting (Captive Portal)
- User-Based Reporting (AD/LDAP)
- User-Based Filtering policies (Captive Portal)
- User-Based Filtering policies (AD/LDAP)

POLICY-BASED FILTERING

- Filtering policies according to Subnet/IP Addresses
- Filtering policies according to User/Groups
- Time-Based/Scheduled Filtering
- Filtering policies according to Interface/VLAN
- Ability to create filtering exemptions

INTEGRATIONS

- Reports streaming to external Elasticsearch Servers
- Reports streaming to external Syslog Servers
- Central Elasticsearch Reporting for all firewalls
- RESTful API access for configuration and management

| HARDWARE SPECIFICATION | |
|--|---|
| Appliance Model | iEdge-100 |
| Deployment Mode | Branch/Hub |
| Core/s | 4 |
| Chipset | Intel-J1900 |
| CPU Architecture | X86 |
| Memory(GB) | 8 |
| Storage | 32-128 GB SSD |
| Network Interfaces | Universal 4x1G |
| USB (Supports 3G/4G Dongle for WAN) | 1x2.0 , 1x3.0 |
| V.35 Serial Port | Supported Through External Convertor |
| SIM Slot (3G/4G/LTE) | 1 (Optional) |
| Console | HDMI |
| WiFi | Optional (Dual Band, 802.3 b,g,n,ac Wave 1, 1x1 MIMO) |
| TPM Chip | Optional |
| Power Supply | 12V/5A External DC Adapter |
| Power Input(AC) | 230 V |
| Power Rating(W) | 20 |
| Operating Temperature | -10°C to 60°C |
| Humidity | 5%-95% Relative Humidity, Non-Condensing |
| Physical Dimensions (L x W x H)mm | 135x125x40 |
| Weight(kg) | 0.55 |
| Form Factor | Deskmount |
| AGGREGATED PERFORMANCE | |
| Aggregated Application Visibility Throughput(Gbps) | 3 |
| Aggregated IPSEC VPN Throughput(Gbps) | 2 |
| Aggregated L4 firewall Throughput(Gbps) | 2 |
| Aggregated NGFW L7 Throughput(Gbps) | 1 |
| Packets Per Second(Mpps) | 4.2 |
| SESSIONS | |
| New Connections Per Second | Up to 8K |
| Max Sessions (IPv4 or IPv6) | Up to 42K |
| POLICIES | |
| NAT Rules | 500 |
| ROUTING | |
| IPv4 Forwarding Table Size | Up to 10000 |
| IPv6 Forwarding Table Size | Up to 10000 |
| QOS | |
| Number of QoS Policies | 1000 |
| DSCP Marking by Policy | Yes |
| IPSEC VPN | |
| Site-to-Site | 500 |
| INFINTX REMOTE ACCESS VPN | |
| Max Tunnels(Client based IPSec) | 250 |
| HIGH AVAILABILITY | |
| Device Count | 2 |



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