Wi-Jungle®

Unified Network Security Gateway

U500X

DataSheet - U500X

WiJungle is a Unified Network Security Gateway that enables organizations to manage and secure their entire network through a single window. The All-In-One appliance has been designed & engineered to combinedly serve the functionalities of Next-Gen Firewall/UTM, Hotspot Gateway, WAF etc. Its Linux based scalable architecture, gives the leverage to integrate third-party services with ease. Being in industry, WiJungle very well understands necessities and challenges of different verticals like Enterprises, Hospitality, Education, Healthcare, BFSI, Transport, Retail, Defence etc. and helps them fulfil dynamic demands in highly cost-effective way along with Best Pre and Post sales services.

www.wijungle.com

Specifications

Access/Interface Management
- Static, DHCP, PAP/CHAP Support
- Offers Inbuilt Database along with integration of Radius, LDAP & AD with authentication suite
- Authentication, Authorization & Accounting, Support Thin Client, Setup multiple VLAN, Zones
- Location aware access, BYOD
- Clientless Device, IP-Mac bind, MAC Whitelist/Blacklist with auto-expiry.

User/Guest Management
- Create User Groups & apply policies
- Social Media and Mobile No. based login
- ID & Password login – fixed users
- Easy Migration - Import/Export data
- Create users with auto-expiry, Renew & Block
- Live, Blocked and Total Users data
- Switch users from one group to other
- Restrictions based on device and OS.

Bandwidth Management
- Restrict Users based on data, b/w & time
- Define Enhanced Quality of Service (QoS)
- Individual and Shared Bandwidth Quota
- Configure multiple b/w policy on a user at different hours of day

Content Filtering
- Web or URL/IP/Geography/Keyword/Port/ Application Filter
- Block predefined categories on specific time
- Create | Edit | Delete Manual Categories & Add Exception
- Country based traffic control, Filtering Logs

Data Leakage Prevention
- Block email attachments, cc, bcc & other
- Restricts file upload over HTTP, FTP, P2P and other file sharing applications.
- Blocks Chat conversations based on pre-specified words and file transfer over IM.
- Controls file upload over HTTPS/SSL websites
- Logging & reporting in accordance to HIPAA, CIPA, PCI DSS compliance

Load Balancing
- Supports two or more ISP Links
- Deliver combined bandwidth output (LAG)
- Define traffic priority to links (Active-Active)
- Ensure failovers - Redirect traffic to active gateways (Active-Backup)

Captive Portal Capabilities
- 11 different types of captive portals
- Personalise Captive Page
- Customise captive form input fields
- Mobile/Desktop Responsive Login Page
- Social Media Based Login, MAC based auto login
- Promotions and Branding Options

Voucher Management & PMS
- Instant voucher generation in printable formats, Prepaid & Postpaid billing
- PMS/HIS integration
- Create vouchers based on policies
- Voucher generations based on room type
- Switch user from one policy to another on same voucher
- Reporting based on room and voucher

Firewall & Network Management
- Stateful & Deep Packet Inspection Firewall
- Application Visibility & Control
- Stops all types of DoS; Prevents DNS Spoofing & Flooding, Bypass Websites, Packet Capturing
- NAT & Access Rules, FQDN, DNS Forwarder & Port Forwarding, IP Summary, Dynamic DNS
- Supports IP v4 & v6; NAT66, NAT64, DNS64; tunnel IPv6 over IPv4, IPv4 over IPv6
- Route - Static/Dynamic, OSPF, BGP, RIP
- Policy based Routing, Upstream proxy, Web Proxy

User Session Management
- Set user session time, IP lease time
- Search sessions of a user via id/name, consolidated user and date wise

High Availability
- Active-Active
- Active-Passive with state synchronizations
- Stateful Failover to Keep-Alive Sessions

Anti-Spam
- Inbound and Outbound Scanning
- IP & Domain Black list/White list
- Real time blacklist, MIME header check

Anti-Virus & Advance Threat Protection
- Virus, Worms, Trojan detection & Removal
- Spyware, Malware, Ransomware, Phishing, Bot & Pharming Protection
- Dual Antivirus Engine (Opt.)
- Cloud Sandboxing (Opt.) & Zero Day Protect
- Automatic Virus Signature Database Update
- Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP
- Block files based on their type.
- Threat Logs with action.

Intrusion Detection & Prevention
- Signatures: Default (25000+), Custom
- IPS actions: Recommended, Allow & Drop packet
- SCADA aware IPS with pre-defined category for ICS & SCADA signatures.
- Automatic Signature updates via Cloud Protocol Anomaly Detection

Web Applic. Firewall/Server Protection
- Site path routing to define real web servers, ensuring incoming requests are forwarded
- Reverse Authentication verification when a real web server does not support authentication
- Ensures user needs to authenticate once if multiple real web servers assigned to a virtual server
- Supports HTML rewriting, antivirus scanning, and SQL injection/XSS protection

Vulnerability Assessment
- Scans LAN Devices for vulnerability
- Generates summary and detailed reports of found possible threats

Zero Configuration - Networking
- No Network Settings required on client side
- Complete customer satisfaction
- Plug-n-Play Solution

SMS Gateway
- Pre-configured gateway
- Unlimited authentication SMS (India Only)
- Manual/Auto SMS Sending
- Click –n-Configure Custom Gateway
- Facilitates different message templates

Guest Personalization
- Automatically sends Thank You sms on checkout
- Automatically Wish guests on their birthdays
- Wish them on every festive day

Social Media Engagement
- FB Check-in / Page Like Option; Google Review
- Promotional Image/Video

Feedback Management
- Create multiple customized feedback forms
- Collect all responses & get analytics

Alert Management
- Real-time alerts to user on data consumption limit, voucher expiry etc.
- Real-time alerts to admin on link failure, ISP speed, Remote Access etc.
- Schedule Alerts for specific reports
- Alerts on platforms like Slack, Flock, Skype, Telegram, Trello & Email

Reporting/Monitoring
- Graphical real-time logging and monitoring
- User, Internet, Threat, Social, System based overall and user wise analytics

Surfing Logs
- Records surfing logs of each user
- Inbuilt storage for a complete year
- Search logs based on time, user, IP and site

AP/Device Management
- Configure & Manage multiple access points
- Currently Supported APs – Engenius & Ruckus.
- Option to Reboot, Check Connected Users, Change Password
- Add different network devices, get notification & analytics if physically up/down

Virtual Private Network
- SSL VPN - TCP/UDP Tunnelling
- IPSec with failover, L2TP, PPTP
- Encryption – 3DES, DES, AES, Twofish, Blowfish, Serpent
- Hash Algorithms - MD5, SHA-1, SHA-2
- Authentication - Preshared key, Digital Certificates
- Diffie Hellman Groups - 1, 2, 5, 14, 15, 16, 17, 18, 25, 26, 19, 20, 21, 31
- Threat Free Tunnelling (TFT), Hub & Spoke VPN Support, IPSec NAT Traversal
- Dead Peer Detection & PFS Support
- SSL Authentication – AD, LDAP, Radius, Local
- Multi-Layer Client Authentication - certificate, Username/Password
- Network Access - Split and Full Tunnelling
- Granular Access Control to all network resources
- Administrative controls - Session Timeout, Deed Peer Detection
- TCP based Application Access - HTTP, HTTPS, RDP, TELNET, SSH
- User and Group policy enforcement
- SSL VPN Tunnelling Client

Seamless Roaming
- Seamless connectivity from wired to wireless network
- No authentication again, Login once

Highly User-friendly GUI
- Easy to operate/understand even by Non-Technical
- Create customizable view/dashboard
- English translation of every configuration

Package Management
- Create Hourly and Day based Plans
- Set renew as automatic & Manual
- Configure conference/banquet hall plans Accounting based on hours, days, data transfer

System Management
- System Configuration Backup/Restore/Erase
- Auto/Manual backup of User & Threat Logs
- Enable appliance & PMS remote access
- Set auto/manual firmware updates
- Create Child Admins and check logs
- Set Time Zone, SMTP Email
- Integrate Syslog, SNMP, Netflow

Troubleshoot
- Activity Timeline, DHCP Logs, Ping, Traceroute, DNS Lookup, Port Scan

Third Party Integration
- Third party application Integration

Custom Development
- Personalized development on request

Hardware
- Memory - 12 GB, SSD - 500 GB
- Ports - 8*1G, 2 SFP+ incl. 2 Pair Bypass
- Flexi Slot - 1 (8*1GE Copper/SFP or 4*10G SFP or 2*40G SFP)
- 2 USB Ports, 1 VGA, 1 COM

Power and Reliability
- 250-300W with redundant supply (optional)
- Oper. T - (0°C~40°C), Storage T - (-20°C~80°C)
- Relative humidity - 0%-90%, no condense
- Vibration - 0.5g rms/5-500HZ/random/operating

Performance
- Firewall Throughput (UDP) - 34 Gbps
- VPN Throughput - 4 Gbps
- Anti-Virus Throughput - 6.8 Gbps
- IPS Throughput - 9 Gbps
- UTM/NGFW Throughput - 6 Gbps
- Concurrent Sessions - 18,500,000
- New Sessions per Sec - 210,000
- No. of IPSec VPN Users - 3500
- No. of SSL VPN Users - 1200

Support
- 24*7 Call and Email Support