

Product Overview



All IN ONE






Firewall, VPN, Anti-Virus, Anti-Spam, Multi-homing, SSL VPN, Content Filter

SifoWorks™ U-Series is a feature-rich unified threat management (UTM) system equipped with multiple security features, helping companies deal effectively with evolving network threats. SifoWorks U-Series devices include security mechanisms such as: firewall, IPsec VPN, SSL VPN, anti-virus scans, IDP, URL content filtering, P2P/IM software blocking, anomaly flow detection, bandwidth management, multi-link load balancing, anti-spam scans etc., making it the best network security choice for any company network.

Product Features

- Dual anti-virus engines to protect the network from virus attacks.
- Unlimited automatic Clam virus database updates to ensure accuracy.
- Integrated IDP system with automatic attack-signature database update capability.
- Increases the reliability of the company network.
- Co-defense mechanism with third party switches.
- Assist administrators to locate sources of attacks.
- Intelligent bandwidth management and QoS ensures the availability of critical applications.
- Bi-directional load-balancing over multiple links for reliability.
- Anti-spam scans to enhance the efficiency of network mail system.
- Efficient use of network bandwidth with content filtering for IM, P2P, Web based applications, etc.
- Wide range of report charts and alert mechanisms for monitoring purposes.
- SSL VPN capability that provides secure remote access solution.

SifoWorks U-Series Models

	U60	U100	U210A	U310A	U510A
					
Firewall Throughput	80 Mbps	100 Mbps	300 Mbps	550 Mbps	1,650 Mbps
VPN Performance	20 Mbps	32 Mbps	100 Mbps	150 Mbps	200 Mbps
Concurrent Sessions	45k	110k	500k	800k	1M
New Sessions/Second	750	1k	6k	12k	30k
Policies	200	360	2,500	10,000	20,000
Interfaces	1LAN, 2WAN, 1DMZ	4xFE, 1LAN, 2WAN, 1DMZ	4xGE, 1LAN, 2WAN, 1DMZ/LAN/WAN	4xGE, 1LAN, 2WAN, 1DMZ/LAN/WAN	7xGE, 1LAN, 5WAN, 1DMZ/LAN/WAN
Concurrent VPN Tunnels	100	100	200	1,000	2,000
Rackable	Desktop	Standard 19" 1U	Standard 19" 1U	Standard 19" 1U	Standard 19" 1U
Dimension (DxWxH)	220x150x40 mm	237x440x43 mm	272x434x43 mm	370x427x43 mm	370x427x43 mm
Weight	0.94 kg	2.75 kg	4.25 kg	6.1 kg	10.5 kg
Power Supply	DC 5V; 2.4A	100V-240V; 50Hz-60Hz	100V-240V; 50Hz-60Hz	100V-240V; 50Hz-60Hz	100V-240V; 50Hz-60Hz
Certifications	Please visit http://www.o2security.com/product/certifications/ for the complete list of certifications and awards.				

Mode of Operation	
Layer 2 Transparent Mode	Yes
Layer 3 Router Mode	Yes
NAT	Static NAT, Dynamic NAT
PAT	Yes
User Licenses	Unlimited
Firewall Features	
Stateful Packet Inspection	Yes
Rule Schedule	Yes
Predefined Service and Network Object	Yes
Content Filtering	
URL Filtering	Yes
HTTP Content Block	ActiveX, Java Applet, Cookie, Pop-up
File Extension Filtering	Yes
IM Control	MSN, ICQ, Yahoo Messenger, Skype, QQ
P2P Control	BT, eDonkey, MUTE, MinMx, KuGoo, iMesh
Email Filtering	
Supported Protocols	SMTP, POP3
Spam Filtering	Personal Rule*, Bayesian Filtering, Fingerprint, Block and Exempt Lists, RBL, Auto-Learning
Outbound Filtering	Yes (U510 Only)
Anti-Virus	
AV Engine	ClamAV (included), Sophos (option)
Auto-Update of Virus Code	Yes
Supported Protocols	SMTP, POP3, HTTP, FTP
IDP	
IDP Database	At least 2900 Signatures (U200 & nU510) At least 700 Signatures (U100)
Customizable Signature	Yes
Auto-Update of IDP Database	Yes
DoS/DDoS Protection	Yes
NetBIOS Alert Message	Yes
VPN	
Encryption Algorithms	DES, 3DES, AES
Authentication Algorithms	MD5, SHA-1
IKE Support	Yes
Peer Authentication	Pre-shared Key, Certificate
Perfect Forward Secrecy (PFS)	DH Group 1, 2, 5
DPD Support	Yes
Hub-and-Spoke VPN	Yes
VPN Trunk and Fallover	Yes (IPsec, PPTP)
PPTP	Yes
SSL VPN*	Yes

User Authentication	
internal Database	Yes
External Authentication	RADIUS, LDAP
Web-Based Traffic Authentication	Yes
Email Authentication	POP3
System Management	
SSL Based Web UI	Yes
SNMP	Yes
Role Based Administration	Yes
Configuration Wizard	Yes
NTP Support	Yes
Upgrade and Changes via Web-Based UI	Yes
High Availability*	Yes (Active-Passive)
Logging and Monitoring	
Internal Log Database	Yes
Remote Syslog Server	Yes
Packet Statistics	Yes
Event Report (Top N)	Yes
Traffic Report (MRTG)	Yes
Email Alert	Yes
Routing	
Static Route	Yes
RIP	v2
WAN Failover	Yes
DDNS Support	Yes
PPPoE	Yes
Load Balancing and QoS	
Priority Queues	3 Queues
Maximum Bandwidth	Yes
Guaranteed Bandwidth	Yes
Bandwidth Granularity	1Kbps
Download Quota and Session Number Control	Yes
Outbound Load Balancing	Auto, Round-Robin, By Traffic, By Session, By Packet, By Source IP
Inbound Load Balancing*	Round-Robin, Weighted Round-Robin
Built-In DNS Server*	Yes
DNS Entry Backup*	Yes
Operating Environment	
Operating Temperature	0 - 60°C (-32 - 108°F)
Storage Temperature	-10 - 70°C (-18 - 126°F)
Humidity	5% - 95% non-condensing

Anti-Virus, IDP, Anti-Spam, SSL VPN and Co-Defense function are not available in U60 * Not available in U100



www.o2security.com

U.S.A +1-408-987-5920 ext.8156 ; sales_us@o2security.com
China +86-800-800-0202 / +86-400-880-0202
Taiwan +886-2-2545-9095

Singapore +65-6890-5710 ; sales_ASEAN@o2security.com
Malaysia +60-3-2168-4494

Copyright © 2009 O2Security Ltd. All rights reserved. O2Security Ltd. is an O2Micro International Ltd. company.

'O2Security', 'O2Security', 'Breathing Life into Security', are trademarks and 'SifoWorks' is a registered trademark of O2Micro International Ltd. OD7100DSE01-1.4