

## QVF7412



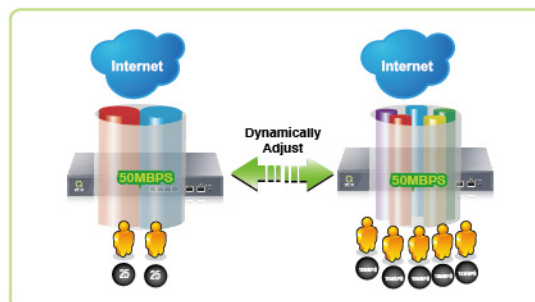
### Dual-Core SSL/ IPsec VPN QoS Router Giving SMBs more choices on SSL VPN Router

SMBs with SSL VPN requirements could consider QNO QVF7412, a brand-new & cost-effective SSL VPN router. Specially design such as 4-WAN, USB port, and firewall offers powerful functionalities: Load Balance, QoS Bandwidth Management, anti-DoS attack to satisfy users' whole demanding in SMB network operating with 100~150 PCs. Also with QVF7412, SMBs can safely conduct business deal by establishing VPN tunnels in IPsec, PPTP, QNO exclusive SmartLink, or SSL VPN according to specific situation. Besides, the web style GUI not only provides an easy-to-use configuration to quickly deploy this device but also provides useful information to monitor network usage.

QVF7412 offers 60 SSL VPN tunnels and possesses extraordinary features. Firstly, it is effortless for users to establish the VPN connections with only a web browser, User Name, and Password. Secondly, single sign-in allows users automatically log-in application servers without another import whenever the password is the same with SSL service. Thirdly, one-page set up allows you implement SSL VPN configurations in just one page by applying a sample, which is very plain for nonprofessionals. As well considering of security issues, it has a virtual keyboard to prevent hacker invasion. After the due time, vital records and information from web cache and cookie will be cleared in case of deceived.

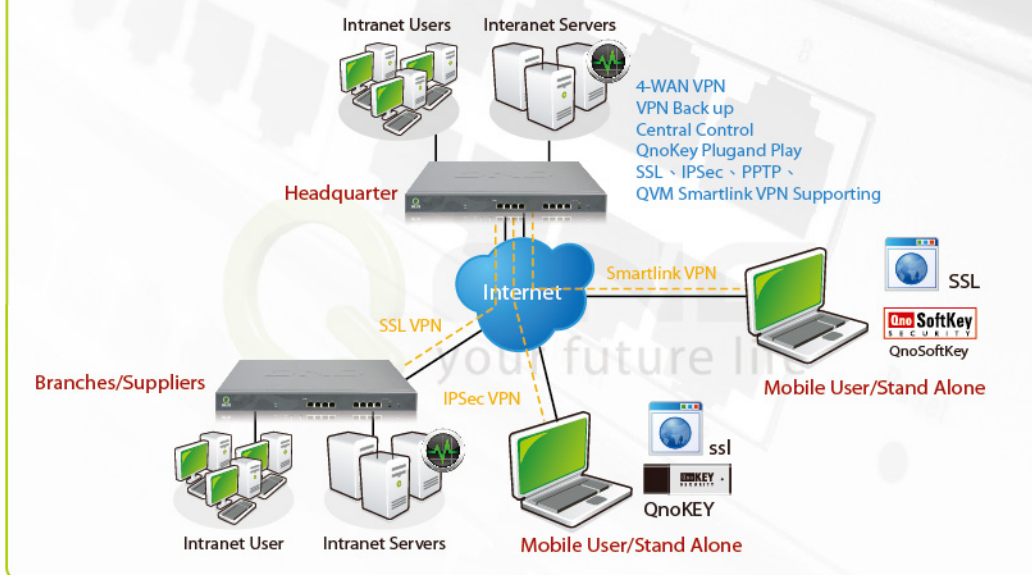


- User portal of QNO's SSL VPN



- Dynamical bandwidth management through SmartQoS

## QVF7412 Application Topology



Model	QVF7412
Network Processor	MIPS64 Dual-Core Processor CN5020-SCP 300MHz 2Core
Flash	32MB
DRAM	256MB
WAN Port	4
DMZ Port	1 (WAN4/DMZ)
LAN Port	4
USB Port	1
Session	50,000
NAT Throughput	200Mbps
VPN Throughput	3DES/97Mbps
Network Detection & Fail Over	•
Load Balance Mode	Session/Advanced Session/IP
DHCP IP Assignment	•
Fixed IP Assignment	•
ADSL PPPoE	•
PPTP	•
Transparent Bridge	•
NAT Plus Router Mode	•
Smart QoS	•
Guarantee & Maximum Bandwidth	•
Scheduling	•
Session Control by IP	•
VPN Tunnel	Max 200
Authentication	MD5/SHA1
Encryption	DES/3DES/AES
VPN Pass-through	•
NAT Traversal( NATT)	•
Heart Beat Detection	•
QVM SmartLink VPN	Server / Client
QnoKey Server	•
QnoSoftKey Server	•
PPTP VPN Server	Max 60 Clients
Concurrent Users	Max 60 Clients
SSL Encryption Type	128bit SHA1 ( DES-CBC-SHA)
Multi-Domain	•

Model	QVF7412
Authentication Server	Local DataBase/RADIUS/ Active Directory/LDAP/NT Domain
Internet Service Support	Web/Secure Web/FTP/Telnet/SSH (SSH Only Support 1.x version)
File Sharing Service (Terminal Server)	Word/Excel/PowerPoint/ Outlook/IE/Front Page
Remote Desktop Service	RDP5/VNC
NetBIOS	•
Online Print	•
Customized Portal	•
Cache Cleaner	•
Overtime Log Out	•
Virtual Passage	•Windows(Future in Linux & MAC OS)
Soft Keyboard	•
Certificate Null Character	•
Prevent Brute force Password Cracker	•
Host Check	•
The Number of assignable IP	4 Class C
One-to-One / Multiple-to-One NAT	•
DMZ/Virtual Server	•
DNS Local Database	•
Routing	Static/RIPI/II
Firewall	•
Access Control	•
VLAN(Port-Based)	•
Mirror Port	•
QnoDDNS	•
IP & Service Port Group	•
E-Bulletin	•
SNMP(v1, v2)	•
Logging & Email Alarm	•
ORTG Graphic Statistics	•
HA (High Availability)	•*
Support QnoSniff	•*
Recommended PC Number	100~150
Size	440x170x44mm

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