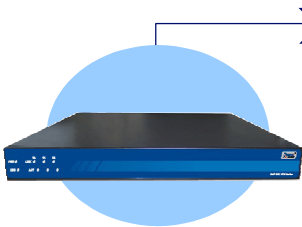


HELM SYSTEMS RAP Clientless SSL Web Portal



HELM SYSTEMS Remote Access Pass (RAP) Clientless SSL Web Portal appliances provide a secure, cost-effective way to deploy remote access to corporate networks behind the firewall for a variety of business types, ranging from SOHO to enterprises. The RAP uses Secure Socket Layer (SSL) to provide encrypted transport; it enables instant remote access from just a web browser. The clientless architecture eliminates the high cost of installing, configuring, and maintaining client side software on every device, thus significantly reducing the total cost of ownership in contrast

to traditional VPN solutions. The application layer solution creates finer granularity of security management and higher limitations on worm/virus attacks than traditional VPN solutions. A pure clientless access internal web based servers is the biggest advantage of RAP.

Simple and Convenient

RAP web Portal is a centralized management appliance, easy to understand, build. When VPN session is established, user can access anywhere in the world. This is simply due to our ID and address certification. You may ask how much training will be this need. In Reality, using web interface, you can access from any remote locations. It is simple, easy, and logical. It will not impact any existing features or topologies; it won't impact anything further for your company wide expansion or re-arrangement. Network administration will surprise that system becomes so easy to manage. Few mouse clicks will take care of what he may need, even if you were in Hawaii for vacation...

More Secure

During data transmission, data may be getting wormed, spammed, or manipulated; it can also be attacked by DDOS. How can we make safer? Using standard SSL encrypt and decrypt transmission data between browser and VPN appliance based on the certificate and session ID, it will separate the remote access and safe guard your computer network. There is only registered user allows accessing the sources granted.

It will separately protect your servers in the intranet. It doesn't leave un-necessary port open for your firewall. Therefore, increase your network integrity, safety. Further more...

Secure Authorization Control

Actually, this is also a reason why pure clientless technology product is playing more important roles. In any companies, nobody want inappropriate person to visit and access corporate financial information. RAP is application layer channel. It can divide it can distinguish various authorities according to different user groups...

Advantages

Convenient

- Centralize management, true clientless, and no user installation at all.
- Connection transparency, network policies untouched.
- Web browser access, no training needed
- WEB management UI, easy to operate
- Support remote management, clustering

Secure

- Protects the data using a variety of standard encryption algorithms and data security technologies during transportation
- Supports various enhancement authentications with easy access to intranet legal & safe
- Secures accessed application using detailed security control and reduces the effect of hacking by isolating the client side from the corporate network
- Prevents hacker control of intranet through pure clientless technology
- Hidden intranet structure

Suitability

- Supports either Single Parallel or NAT mode Bridge connection transparency modes
- Support verities protocol applications
- Support browsers both IE and Firefox

Flexibility and Suitability for various applications

Feature	Benefit
Standard Browser (Pure Clientless)	Access to Web-based applications, including complex script languages, XML. Flash-based apps and HTML/DHTML, as well as standards-based email, File sharing etc. through browser
Enhanced Browser	On demand Java Applet, access to client/server based applications, including non installation of client software TELNET/SSH、FTP and Microsoft Terminal Service, provides remote maintaining for network devices, provides remote control and download upload files from PC with VNC through browser
Generic Client / Server	On demand a small agent to support any client/server applications based on TCP/UDP even use dynamic ports of the application
Tunneling	On demand, establish a SSL tunneling between browser and corporate network, like within a same LAN to support any operate to access the applications of multi-protocols in the LAN. configurable security policy to filter control

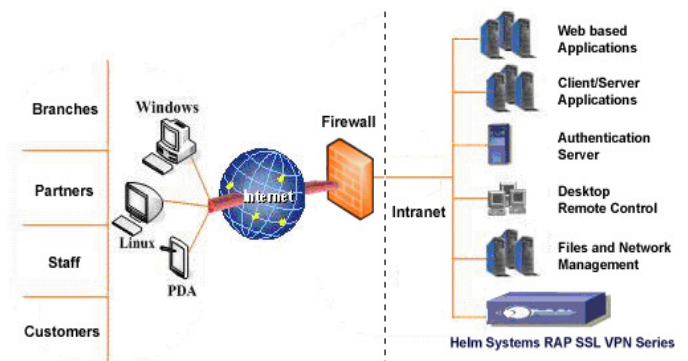
Strong Authentications

RAP can guarantee the safety of data transmission. It offers strict and appropriate permissions for various assigned user identities. Single authentication is not enough; hacker may acquire user account via keyboard recording tools. User or administrator won't even know. So, using RAP verification is vitally important. RAP SSLVPN supports both one-way and two-way client authentication.

RAP supports both local authentication and third part standard based authentications. Local certificate two-way authentication and dynamic token key are as well as support; It has very strong adoptability and expandability. It can exist in many fashions, suitable for network administrator's access. With local, multiple and 3rd party authentications 3-in-1 techniques, we can ensure the safety and security of the legit user...

	Local Auth	Third Part Auth
Single Auth	<ul style="list-style-type: none"> Local DB 	<ul style="list-style-type: none"> AD Auth LDAP Auth
Multi Auth	<ul style="list-style-type: none"> USB Key Cert. Mobile Dynamic Pass Two-way SSL 	<ul style="list-style-type: none"> Radius Auth RSA SecurID

	RAP-s Standard	RAP-p Professional	RAP-e Enterprise
SSL	SW	SW	HW
Concurrent Users (Max.)	100	300	1200
Mobile Authentication	Opt.	Opt.	Opt.
Tunneling	Opt.	Std.	Std.
HA / Cluster	Yes	Yes	Yes



Technical Specifications

Connection Modes	Single Parallel; Transparency Bridge	Size	RAP-s (WxDxH) :430mmx255mmx44mm
Cert & Encryption	PKI(X.509),PKCS7&PKCS10,DES,3DES,AES,3AES,RC4,MD5,SHA,RSA etc.		RAP-p (WxDxH) :430mmx255mmx44mm
Management	SSL Web mode, SSH CLI, Direct Console CLI, Cluster, SNMP, DDNS and Remote management	Environmental	Temperature : 5~30°C (41~86F)
Auditing	System log; User Access log; User log		Relative Humidity : 5~90% non condensing
		Power Supply MTBF	Input Voltage : 100~240 VAC, 50~60 HZ
			Output Power : 220W
			50,000 hours at 25°C

HELM SYSTEMS



www.helmsys.com

Tel: (408) 896 - 1399 Email: info@helmsys.com