



ComView SM is a cost-effective secure modem for dial-up access to serial or IP network administered equipment. It is also a VPN gateway for secure network access to serial administered equipment from the Internet/ Intranet.

ComView *SM* integrates a high-performance 32-bit security network processor, a serial port, V.92/56K global modem, a 10/100 Ethernet port, a suite of networking security features, and user-definable access control management software in a small, standalone hardware device.

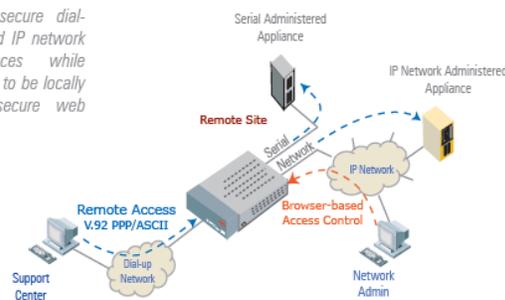
ComView *SM* is designed to give you complete control in managing dial-up access to your equipment. It does this by allowing you to use a secure web browser from anywhere on the network to turn on its integral modem to allow dial-up access or to turn off its modem to completely disable the dial-up connection. Definable access policies - based on user accounts, callback, caller ID, TACACS+, port access privileges, allowable access time window, and user commands; further enhance access control.

The unique implementation of ComView *SM* makes it a very flexible solution to address the access security requirements in various deployment scenarios for remote administration of serial and IP managed equipment. Whether you are an end-user or a service provider, ComView *SM* is the right solution for your secure access needs.

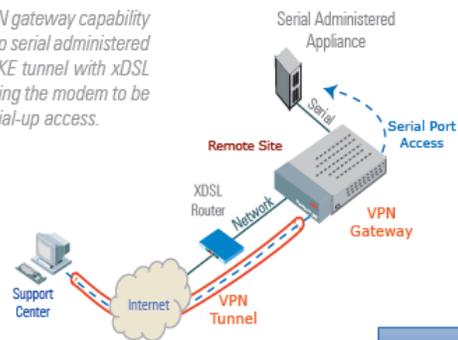
Applications

- Remote administration of serial & IP based equipment
- Back-up/emergency dial-up access
- IP to serial connectivity
- Serial data collection
- Equipment access control
- Standardize equipment access

ComView SM offers secure dial-up access to serial and IP network administered appliances while allowing dial-up access to be locally controlled using a secure web browser



ComView SM also offers a VPN gateway capability for secure IP network access to serial administered appliance, using IPsec VPN/IKE tunnel with xDSL router over the Internet, allowing the modem to be used as backup/emergency dial-up access.



24/7



Hardware

- High performance 400MHz 32-bit security network processor
- Global V.92/56K modem
- One serial port, programmable baud rate & data format
- One 10/100Mbps Ethernet port, IP addressable
- 64Mb RAM
- Real-time clock with lithium battery backup for date & time
- Hardware watchdog for automatic system recovery and reboot on errors
- Multi-functioned reset push-button
- LED indicators for system status; serial port, network and modem activities
- Power consumption: approx 4W with 5Vdc power supply
- Dimensions: approx: 4.75" (L) x 3.37" (W) x 1.25" (H)
- Lightweight, painted aluminum enclosure

Features

- PPP dial-up networking
- On-demand activation of modem auto answer
- User name-password logon
- Transparent ASCII dial-up access to serial port
- Transparent PPP dial-up access to serial port and remote network/IP-based equipment

- Transparent secure network access to serial port
- Serial data collection and buffering
- Device configuration with Telnet, SSH or downloadable text file
- Device configuration through network or dial-up connection
- IPv6 networking ready
- Network Address Translation (NAT)

Security

- ASCII dial-up access with callback support
- PPP (CHAP) dial-up access with Windows® compatible PPP callback
- Caller ID support for modem auto-answer (country specific, caller ID services required)
- Lockout on consecutive unsuccessful logon attempts
- Definable access time window
- Definable user access privileges
- IPSec/IKE VPN gateway to secure access to serial port over the Internet/Intranet
- User enforceable SSH-based access only
- IP packet filtering firewall
- Definable user inactivity timer to log out user
- Definable user inactivity timer to terminate dialog session
- Audit log of user logons
- Secure lock-down mode operation

- (disable unused network services)
- SSL-enabled Telnet
- TACACS+ AAA with access control over individual user commands
- SSH-based access
- 3DES, DES, AES, Blowfish, Arcfour
- Public key, RSA1, RSA, DSA, MD5, SHA1, X11

Protocols

- ASCII, PPP(CHAP), Zmodem
- TCP, UDP, ARP, ICMP
- Telnet, SSH(v1&v2), FTP, HTTPs
- SNMP, DHCP
- IPv4/IPsec, IPv6
- SSL(v2/v3), TLS(v1)

Ordering Information

ComView SM-64M-56

About CSS

CSS is a developer and manufacturer of hardware and software solutions for critical network infrastructure equipment management. Our solutions enable different industry sectors to remotely monitor and manage network assets reliably, efficiently, and cost effectively.

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