UL Approved for Central Stations

Advanced receiver functionality with no hardware

For the first time you can rely on a software-only network service operating as a virtual receiver for IP and Cellular alarm communications. Equip your Central Station with a high-functioning, highly reliable receiver with no proprietary hardware.

- Manages all network and cellular alarm signals, supervision, and substitution messages

- Capacity to monitor up to 20,000 panels

- Can be used as primary receiver(s) or backup to existing hardware receivers

- Advanced diagnostics ensures more reliable service and faster troubleshooting

- Full logging of diagnostic data

- UL Approved for Commercial Burglary and Commercial Fire and CSFM for Central Stations

The Virtual Receiver delivers all of the unique DMP advantages, including extensive redundancy, and reporting is scalable from one to thousands of network control panels.

SCS-VR VIRTUAL NETWORK RECEIVER

- Replaces need for receiver hardware when using DMP network alarm messaging
- Increased traffic capacity compared to SCS-1R
- Can run on a single server or across multiple servers
- Multiple server configuration works with load balancing to avoid server overloads
- Improved panel-to-receiver path redundancy
- Multiple groups
- Accepts network or cell messages from panel (no dial-up)
- Unlimited number of groups (5 included)

- Inbound and outbound TCP network connections to various automation software
- Accepts Serial 3 Full English text transmission from DMP panels
- Extensive diagnostics
- NIST validated AES encryption enables use in the highest security applications, including government and financial facilities
- Automatic time updates via network
- Reduces space, power, cooling, and maintenance requirements
- Uses Microsoft® SQL Server® database with Windows®

VIRTUALLY BETTER

As a virtual receiver, you avoid all hardware-related costs. There is no additional rack space required and no power requirement beyond your standard networking equipment. Install the software on any UL-listed server, where the SCS-VR can act as the primary receiver or back-up to meet UL Central Station classification. Regular updates are automatic and totally transparent. Choose the optional network upgrade sharing service to automatically distribute updates to all nodes attached to the current database.

DATABASE DRIVEN

The SCS-VR supports the Microsoft SQL Server 2005 and SQL Server 2008, with the ability to run on more than one server from the same database.

SCALEABLE FOR GROWTH

Select the capacity needed to meet the needs of your Central Station, from 500 to 20,000 panels. Select the SCS-VR model needed for your current needs. At any time you can purchase a license for additional capacity to quickly expand your monitoring capacity, with no additional hardware.

PROFITABLE NETWORK MONITORING

Exclusive DMP technology provides worldwide supervision, allowing you to increase your RMR, expand your market, and reduce your expenses. Alarm monitoring can simply travel on existing network infrastructures, adding value for the subscriber without incurring additional wiring costs.

CREATE GROUPS

This new feature allows you to "divide" a single receiver into multiple receivers whether on a single or on multiple servers, each with its own unique programming. Define different dispatch or message handling rules for each group on a receiver. Each group configuration can be saved with a unique name. The Group capability gives you greater flexibility and enables you to get the maximum performance from each SCS-VR. Five groups come standard with each SCS-VR package.

MORE POWERFUL DIAGNOSTICS

Be assured that your panels are functioning at peak performance with the expanded SCS-VR diagnostics screens and full logging of information, including:

- Panels currently in substitution failure
- Panels not currently checking-in
- Average bandwidth per panel
- Recent bandwidth per panel
- Average bandwidth per group of panels
- Show panels that use excessive bandwidth
- Time of last check-in message received per panel
- Time of last message received per panel, plus the text of the message
- IP address of each panel
- Show which panels use encryption and which do not
- Show when the IP address of a panel has changed

SERVER AND PATH REDUNDANCY

The virtual receiver can run on a single server or multiple servers from the same database, ensuring data redundancy. Each server that is part of the system serves as the automatic backup to the other system

Since the receivers can accept messages via a primary and secondary path (network and cellular), you also have redundant paths ensuring reliability for reporting information.

If the receiver operates on more than one server from the same database, the receiver can be set to work with load balancing operation ensuring that receiver traffic is equally dispersed among the receivers.

REPORTING CAPABILITIES

- Alarms, troubles and restorals
- Opening and closing reports
- Bypass and reset reports
- Supervisory reports
- Door access reports
- Permanent/Temporary schedule changes
- Code number additions/deletions
- All messages provide the account number, time, and date of occurrence

SYSTEM REQUIREMENTS

- 2.8 GHz Intel Pentium 4 Processor CPU
- 2 GB RAM
- 160 GB Hard Drive
- 1024 x 768 or higher monitor resolution
- CD-ROM drive

OPERATING SYSTEM COMPATIBILITY

- Windows Server 2003
- Windows Server 2008 (Required for UL)
- Windows Vista
- Windows XP
- Windows 7

SOFTWARE COMPATIBILITY

- Microsoft SQL Server 2005 or higher (2008 required for UL)
- Microsoft SQL Express 2008

LISTINGS AND APPROVALS

NIST Validation: 1440

California State Fire Marshal (CSFM)

Underwriters Laboratories (UL)

ANSI/UL 1610	Central Station Burg Alarm Units Accessory
ANSI/UL 1076	Proprietary Burglar
ANSI/UL 864	Fire Protective Signaling (Version 1.3.6 or higher)

ORDERING INFORMATION

• SCS-VR 500	500 panels
• SCS-VR 2500	2500 panels
• SCS-VR 5000	5000 panels
• SCS-VR 10000	10000 panels
• SCS-VR 20000	20000 panels
• SCS-VR 5GRP/UPG	5 Group Upgrade

Note: Support for more than 20,000 panels available upon request

MADE IN U.S.A.

DMP

Intrusion | Fire | Access | Network | Cellular