



*What's New...*

# Scout Version 4.8

New features in the 4.8 release provide more communication choices to streamline the dispatcher's experience and expand capabilities for efficient system configuration and management. Version 4.8 introduces new and enhanced security features.

## Critical Communication Support

### ***Verizon Broadband Push-to-Talk Plus Support***

Scout 4.8 supports Verizon PTT Plus for Verizon subscriber units. Verizon PTT Plus interfaces with a Kodiak Gateway that is connected to Scout through Avtec's Trunking Gateway. The Scout console supports Group Calls and PTT IDs. The interface also supports patching Verizon PTT Plus talkgroups to LMR talkgroups. The Scout-Verizon PTT Plus connection requires a supplementary license.

### ***P25 Conventional Control Station Wireless Interface with Motorola APX 1500 Radio***

The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.

### ***P25 Trunking Control Station Wireless Interface with Motorola APX 1500 Radio***

The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.



## ***P25 Conventional Control Station Wireless Interface with Motorola APX 4500 Radio***

The following features are supported in this interface: DES Encryption, Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.

## ***P25 Trunking Control Station Wireless Interface with Motorola APX 4500 Radio***

The following features are supported in this interface: DES Encryption, Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.

## ***P25 Conventional Control Station Wireless Interface with Motorola APX 6500 Radio***

The following features are supported in this interface: AES/DES Encryption, Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.

## ***P25 Trunking Control Station Wireless Interface with Motorola APX 6500 Radio***

The following features are supported in this interface: AES/DES Encryption, Group Call, PTT ID/ANI/Alias, Emergency Call, Talkgroup Control, and Paging. Scout interfaces to the APX radio using the Avtec Outpost and a Control Station kit with license.

## **Operational Flexibility**

### ***Repeating Answerback Tones for DTMF Call-In***

Field personnel hear repeating answerback tones when using the DTMF Call-in function. With this enhancement, field personnel can receive configurable repeating answerback tones to indicate call progress until the call is either answered or terminated after dialing DTMF call-in codes.

## Enhanced User Efficiency and Productivity

### ***Reset Volume Levels for Endpoints***

Dispatchers can reset all endpoints to Scout default volume levels. This allows a dispatcher to baseline audio levels that have been adjusted by a previous dispatcher.

### ***Enhanced SIP Telephony—Voicemail***

With Scout Version 4.8, dispatchers have access to voicemail. Scout can be configured to provide a visual indication on the console that a voicemail message waiting. At a glance, dispatchers can see when a SIP extension has one or more messages. Dispatchers also can access the voicemail server to listen to messages and manage their voicemail boxes.

Scout SIP Voicemail has been qualified with Avaya Aura Communications Manager.

### ***Enhanced SIP Telephony—Call Forwarding***

With Scout Version 4.8, customers have greater operational flexibility in forwarding SIP endpoints. Dispatchers can forward individual or groups of SIP lines to single SIP extension, a voicemail box, or external number. SIP endpoints can also forward calls if the line is busy or if a dispatcher doesn't answer a call.

Scout SIP Forwarding has been qualified with Avaya Aura Communications Manager.

### ***Do Not Disturb Mode***

A new Do Not Disturb feature allows the dispatcher to suppress visual and audible call indications temporarily to minimize distractions. When the dispatcher activates the Do Not Disturb mode, visual and audible indications end for calls, providing the dispatcher with an environment suited for focusing on a critical task. The indications cease for both active and new calls. If the dispatcher fails to return to normal mode, Do Not Disturb automatically terminates after a configurable period of time. While Do Not Disturb prevents flash and tone indications for radio and telephone calls, the call information continues to appear on endpoint pads and in the Call Queue. Scout's workstation relays reflect that the dispatcher is in Do Not Disturb mode.

### ***ResourcePro Screen Control Enhancements***

The ResourcePro Screen Control gains enhancements to the Items View and to the Message Display toolbar.

**Items View** – Endpoints and intercoms can be sorted by name or a custom sort order.

**Message Display** – Toolbar is enlarged to allow the dispatcher to toggle between list and tile view more easily.

### ***PTT Activated Call-In via Outpost***

Outpost allows field personnel who do not have DTMF radios to press PTT a defined number of times to initiate a call indication on all consoles. This gives field personnel a way to alert dispatchers if the talkgroup is not in an active state.

## Efficient System Management

### *DMS Alarm Enhancements*

Scout administrators can now customize alarm severity and limit which alarms display on the DMS Alarms page based on the alarm configuration. A new Alarm Configuration page allows the customer to set the alarm types that are enabled, the alarm types that are visible, the alarm types that send SNMP traps, and the alarm types sent to the Scout Console Notification pad.

When viewing alarms on the DMS Alarms page, the administrator can acknowledge alarms en masse.

### *Managing Scout Data in an External SQL Database*

To help customers maintain an appropriate SQL database size, Scout's Data Management System (DMS) includes a data purge feature that allows customers to automatically purge data from an external SQL database using retention date. The tables that can be purged include: Log, Scout Events, Alarm, Dispatcher Activity, Endpoint Activity, Endpoint Summary, and Call.

## Enhanced Security

### *Securing Scout Hardware Media Workstation*

Scout Version 4.8 enhances security by allowing customers to secure the Telnet port on the Hardware Media Workstation by disabling the Telnet port.

### *Securing SQL Database*

To enhance SQL database security, Scout requires a custom database username and password for SQL during installation.

### *Securing Scout Administrative Webpages*

Scout component webpages have the option to use HTTPS protocol (Hyper Text Transfer Protocol Secure). HTTPS adds security to the communication between the web browser and the configuration websites. With HTTPS in effect, all communication between the web browser and the website is encrypted.

## Essential Compatibility Testing

During the development timeframe, Scout was qualified with the following:

- Motorola MOTOTRBO™ Connect Plus v2.9 firmware (compatible with Scout 4.6 and Scout 4.7).
- Motorola MOTOTRBO™ Multi-Site Capacity Plus v2.9 firmware (compatible with Scout 4.6 and Scout 4.7).
- Motorola MOTOTRBO™ Capacity Max v2.9 firmware (compatible with Scout 4.6 and Scout 4.7).
- Motorola MOTOTRBO™ IP Site Connect v2.9 firmware (compatible with Scout 4.6 and Scout 4.7).
- Synergon's Vault Logging Recorder achieved "Works with Scout - GOLD" status with Scout 4.7.

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