



*What's New...*

# Scout Version 4.13

Scout Version 4.13 enhances communication experiences for dispatchers and expands Scout's capabilities for efficient system configuration and management. Version 4.13 increases audio quality, enhances USB Jack Box functionality, and expands radio connectivity.

## Critical Communication Support

### *Outpost Plus and MOTOTRBO™ Control Station Enhancements*

In Version 4.13, Avtec uses the Outpost Plus to expand its wireless control station interface for connecting to these Motorola MOTOTRBO™ radio systems using Motorola XPR mobile radios:

- Motorola MOTOTRBO™ Multi-Site Capacity Plus
- Motorola MOTOTRBO™ Capacity Max
- Motorola MOTOTRBO™ Connect Plus
- Motorola MOTOTRBO™ IP Site Connect

The following features are supported in this interface: Group Calls, ANI, Emergency Calls, Emergency Clear, Unit Calls, Call Alerts, Unit Checks, Remote Monitor, Stun/Revive, and Channel Selection. Scout interfaces to the XPR mobile radios using the Avtec Outpost Plus and a Control Station kit license.

This XPR interface is the first of many wireless interfaces that Outpost Plus supports.



## ***AT&T PTT Over Cellular Wireline Advanced Features***

Scout's Broadband Push-to-Talk (PTT) interface for AT&T Enhanced PTT subscribers adds additional features in 4.13. The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Tone Generation, Console Priority, Emergency Call, Patching, Call Alert, and Private Call. Scout requires a Push-to-Talk Over Cellular (PoC) supplemental subscription license.

## ***Verizon PTT Over Cellular Wireline Advanced Features***

Scout's Broadband PTT interface for Verizon PTT+ subscribers adds additional features in 4.13. The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Tone Generation, Console Priority, Emergency Call, Patching, Call Alert, and Private Call. Scout requires a Push-to-Talk Over Cellular (PoC) supplemental subscription license.

## ***Introducing Motorola's WAVE™ OnCloud Support***

Scout's Broadband PTT interface now supports Motorola's WAVE™ OnCloud subscribers. Scout and WAVE™ OnCloud extend the reach of your network as well as help reduce downtime and optimize efficiency. Scout dispatches to both radio subscribers and WAVE™ OnCloud mobile clients through group and private calls providing more flexibility in your system design. The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Tone Generation, Console Priority, Emergency Call, Patching, Call Alert, and Private Call. Scout requires a Push-to-Talk Over Cellular (PoC) supplemental subscription license.

## ***Introducing MOTOTRBO® Nitro™ CBRS Private LTE Network Support***

Scout's Broadband PTT interface now supports Motorola's MOTOTRBO® Nitro™ CBRS Private LTE Network subscribers. A fully-managed CBRS platform, Nitro provides enterprises with the benefits of trusted push-to-talk functionality as well as a comprehensive private LTE data network. Customers can easily add new users to the network while still seamlessly communicating with existing LMR two-way radio users. The following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Tone Generation, Console Priority, Emergency Call, Patching, Call Alert, and Private Call. Scout requires a Push-to-Talk Over Cellular (PoC) supplemental subscription license.

## ***P25 CSSI Console Directed Call-In Via Status Message***

In addition to the regular and emergency call status messages currently supported in P25 CSSI interfaces, Scout 4.13 adds the ability to allow status messages to create console directed call-ins. This new status message is configured to ring only at specified consoles. In addition to this new feature, the following features are supported in this interface: Group Call, PTT ID/ANI/Alias, Key Progress Indications/Tones, Late Entry, Emergency Call and State, Unit Call, Call Alert, Unit Check, Remote Monitor, Stun/Revive, Announcement Call, System All Call, Console Priority, Encryption, Short Data Message, Status Message, Low Speed Data, Talkgroup Control, Paging, and Supergroups. The P25 CSSI interface is licensed separately with a supplementary VPGate license.

## ***Outbound Audio Level Enhancements***

Enhancements for Scout's Software Audio Package include new audio level control settings for the USB Jack Box, USB External Audio Interface, USB Microphone, and Non-Avtec and Default Audio Settings webpages. Configured by maintainers, VAGC Low Target, VAGC High Target, VAGC Max Loss, and VAGC Max Gain enhance audio clarity for dispatchers, increasing situational awareness when communicating in critical situations.

## **Enhanced User Efficiency and Productivity**

### ***Unselect/Mute Reset Timer***

Endpoint profiles have been enhanced to include a timer, in minutes, after which an endpoint is unmuted and remains in an Unselect state. This feature allows the maintainer to configure how long an endpoint's audio is muted.

## **Operational Flexibility**

### ***Scout E1 Cross Mute***

Scout E1 supports cross muting. This enhancement automatically mutes inbound audio at Scout E1 devices when a dispatcher is transmitting on nearby Scout E1 devices, preventing a feedback loop. This functionality increases dispatcher awareness when communicating in critical situations.

### ***Avtec USB Jack Box Priority***

For a console with multiple Avtec USB jack boxes, Scout has been enhanced to allow maintainers to prioritize PTT for each jack box. This functionality allows a dispatcher with a higher priority to override PTT and keying interactions from a dispatcher with a lower priority. When dispatcher training is taking place, this allows a supervisor to override any outbound transmission of the person being trained.

### ***Avtec USB Jack Box PTT Control***

The Avtec USB Jack Box has been enhanced to limit the ability of the dispatcher to initiate PTT. These limitations are based on interactions with the on-screen PTT function pad, Instant Transmit function pad, footswitch keying, or other microphone keying events. This feature was added for training purposes to limit trainees from inadvertently keying the console.

## Enhanced Security

### *Windows Services Dependencies*

Audio Bridge, Avtec SIP Proxy, Call Voter, Frontier, and VPGate do not require the Windows Workstation service or Windows Server service. This enhancement increases security on back-room servers that run Scout software.

## Essential Compatibility Testing

During the development timeframe, Scout has been qualified with the following:

- Motorola MOTOTRBO™ Multi-Site Capacity Plus v2020.2 firmware (compatible with Scout 4.12)
- Motorola MOTOTRBO™ Capacity Max v2020.2 firmware (compatible with Scout 4.12)
- Motorola MOTOTRBO™ IP Site Connect v2020.1 firmware (compatible with Scout 4.12)
- Motorola MOTOTRBO™ Connect Plus R2.10 firmware (compatible with Scout 4.12)

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