



Version 9.3

SmartPTT PLUS

Release Notes

May 2018



New Features

Backhaul Repeater Chains

SmartPTT PLUS supports the Backhaul Repeater Chains (BRC) feature in digital conventional radio systems such as IP Site Connect over NAI.

In BRC, sites use wireless connection over IP. For the connection, each site is equipped with two additional (link) repeaters that route voice and data calls. The first repeater routes calls from the origin site and the second repeater routes calls back to the origin site.

Related changes:

- Added alarms for link repeaters.
- Added indication of the wireless connection in the **Topology** panel (SmartPTT Dispatcher).
- Added ability to reorder **Locations** in the topology tree of the **Network Configuration** tab (SmartPTT Radioserver Configurator).

Call Priority

SmartPTT PLUS supports the Call Priority feature that provides the ability to increase the priority of a call in the Capacity Max systems.

Using the feature operators can initiate a new voice call by interrupting the lower-priority voice calls. Only Emergency Voice Calls and All Calls cannot be interrupted.

Related changes:

- Added **High priority of calls** and **Allow priority increasing** check boxes to profile settings (SmartPTT Radioserver Configurator).
- Added **Increase call priority** option (SmartPTT Dispatcher).
- Added indication of a high call priority (SmartPTT Dispatcher).

5 Tone Signaling

SmartPTT PLUS supports the 5 Tone radio signaling that is sent and received over MOTOTRBO control stations. The feature requires a license to be activated and used.

Related changes:

- Added radio signaling selection to channel settings of MOTOTRBO control stations (*DMR, Analog, and MDC*) (SmartPTT Radioserver Configurator).

Important

After you update the SmartPTT system to version 9.3, the DMR signaling becomes selected by default on all channels of MOTOTRBO control stations added in SmartPTT Radioserver Configurator.

- Added controls to set the 5 Tone telegrams (SmartPTT Radioserver Configurator).
- Added the Radio ID format selector in the **Subscriber** window (SmartPTT Dispatcher).
- Added the call window for All Calls in (SmartPTT Dispatcher).
- Updated controls of the **Radio Check** window (SmartPTT Dispatcher).

Remote Control Stations over General Purpose Input/Output

SmartPTT PLUS supports the connection of remote control station to the RG-1000e radio gateway over the General Purpose Inputs/Outputs (GPIO).

Related changes:

- Added the remote I/O control stations to the list of control stations (SmartPTT Radioserver Configurator).
- Supported the visualization of remote I/O control stations in the **Radio Fleet** panel (SmartPTT Dispatcher).

Web SCADA

SmartPTT PLUS supports the Web SCADA interface for the AdapTel device. The Web SCADA interface provides ability to monitor and control electronic devices remotely. Data received can be used for automatic reactions of the dispatch system using the Rules mechanism.

Related changes:

- Added the **Web-SCADA** window and the Web SCADA settings (SmartPTT Dispatcher).
- Added new rules based on data received in Web SCADA (SmartPTT Dispatcher).

HID Devices

SmartPTT Dispatcher now supports the operation with various computer accessories connected as HID devices.

Related changes:

- Added the **Input Device (HID)** device type in hot key settings (SmartPTT Dispatcher).
- Tipro console hot keys moved to **Keys** tab of the **Control Devices** window (SmartPTT Dispatcher).

Switching between Tipro Computer Phone Module and SmartPTT Dispatcher Audio Output/Input Devices

SmartPTT Dispatcher now provides the ability to switch between Tipro Phone Module and SmartPTT Dispatcher audio output/input devices depending on whether the handset of the Tipro Computer Phone Module is lifted.

Related changes:

- Tipro Computer sound settings moved from the **Tipro Console** window to the **Sound** window (SmartPTT Dispatcher).
- Added the **TIPRO phone module: switching audio input and audio output when answer a call** check box in the **General Settings** tab of the **Sound** window (SmartPTT Dispatcher).

Simultaneous Work with Individually Configured Maps Panels

SmartPTT PLUS supports the individual settings for multiple **Maps** panels when opened simultaneously. These settings include individual set of tracked subscribers, individual points of interests, routes and geofences.

Related changes:

- Added the set of tabs (**Radios, Tracks, Objects on Map**) to the right side of the **Maps** panel.
- Moved the functionality of **Points of Interest, Geofences, Routes, and Radio Locations** panels to the tabs.
- Moved the functionality of **Points of Interest, Geofences, Routes, Radio Locations, Show Track, and Animate Track** windows to the tabs.

Enhancements

Controlled Call Initiation for Control Stations

SmartPTT Radioserver Configurator provides the selection of the call initiation criterion for control stations (the **TX criteria** parameter).

Enhanced Hotkeys Setup

SmartPTT Dispatcher provides the ability to assign different key combination to the same action and extends the range of supported keys (now only the **Escape**, **Print Screen**, and the **Windows** keys cannot be used).

Enhanced Alarm Notifications

Each new alarm flashes up to 10 times if not clicked, tapped or closed.

Removed Features

1. Removed ability to set personal audio outputs for radios, dispatchers, and telephone subscribers.
2. Removed ability to configure channels for analog control stations in SmartPTT Radioserver Configurator.
3. Removed ability to use control stations in Capacity Max.

Fixed Issues

1. Loopback of the rules based on user names.
2. Maps in Polish Format cannot show large number of subscribers properly.
3. PTT modes work improperly at some conditions.
4. Hang time appears for All Calls.
5. Incorrect filtering of activities by the Radio ID in SmartPTT Radioserver Configurator.
6. Failed Block Radio command appears incorrectly in the Event Log.
7. Operators are able to initiate TMS when the SmartPTT Radio Server is disconnected.
8. Automatic scrolling works improperly in SmartPTT Radioserver Configurator
9. Incorrect characters can be entered in the Radio ID box of the subscriber.
10. Unexpected resize of the Radio Locations window under some circumstances.
11. Update interval is not saved for radio groups until the group support is activated.
12. SmartPTT Radio Server cannot connect to the redundant/alternate voice gateway under some circumstances.
13. SmartPTT Dispatcher receives excessive amount of the subscriber presence notifications if the Radio Check command is used for ARS.
14. Maps in Polish Format appear incorrectly with right-to-left languages.
15. Great amount of subscribers (close to 10,000) processed improperly on maps.
16. Operator cannot initiate individual voice calls to subscribers in IP Site Connect.
17. SmartPTT Dispatcher performance is decreased during the server restart with great amount of subscribers.
18. Talkgroups and slots (virtual channels) cannot be muted in NAI - Extended Range Direct Mode.
19. Entries does not group by beacons in the Indoor reports.
20. SmartPTT Radioserver Configurator does not work properly if the secure key ID is incorrect.

Known Issues

Description: Voice calls are not initiated from MOTOTRBO control stations if the BroadVoice codec is selected.

Workaround: Select other codecs (A-Law or U-Law are recommended).

Description: Unable to bridge individual calls using the **Radio** route type.

Workaround: Reconfigure the bridging table using other route types and directions.

Description: In Capacity Plus, SmartPTT Radio Server restarts every 15 –20 seconds if the All Call option is not added to the talkgroup list of the TX Control Station.

Workaround: None.

Description: New codec selected for Cross Patch is applied only after SmartPTT Dispatcher restarts.

Workaround: None.

Description: Audio of the unselected objects can be played over the selected objects audio channels.

Workaround: None.