SmartPTT PLUS 9.12

Customer Release Notes

Contents

64-Bit Application

Get more capacity and performance from the smoothly upgraded product
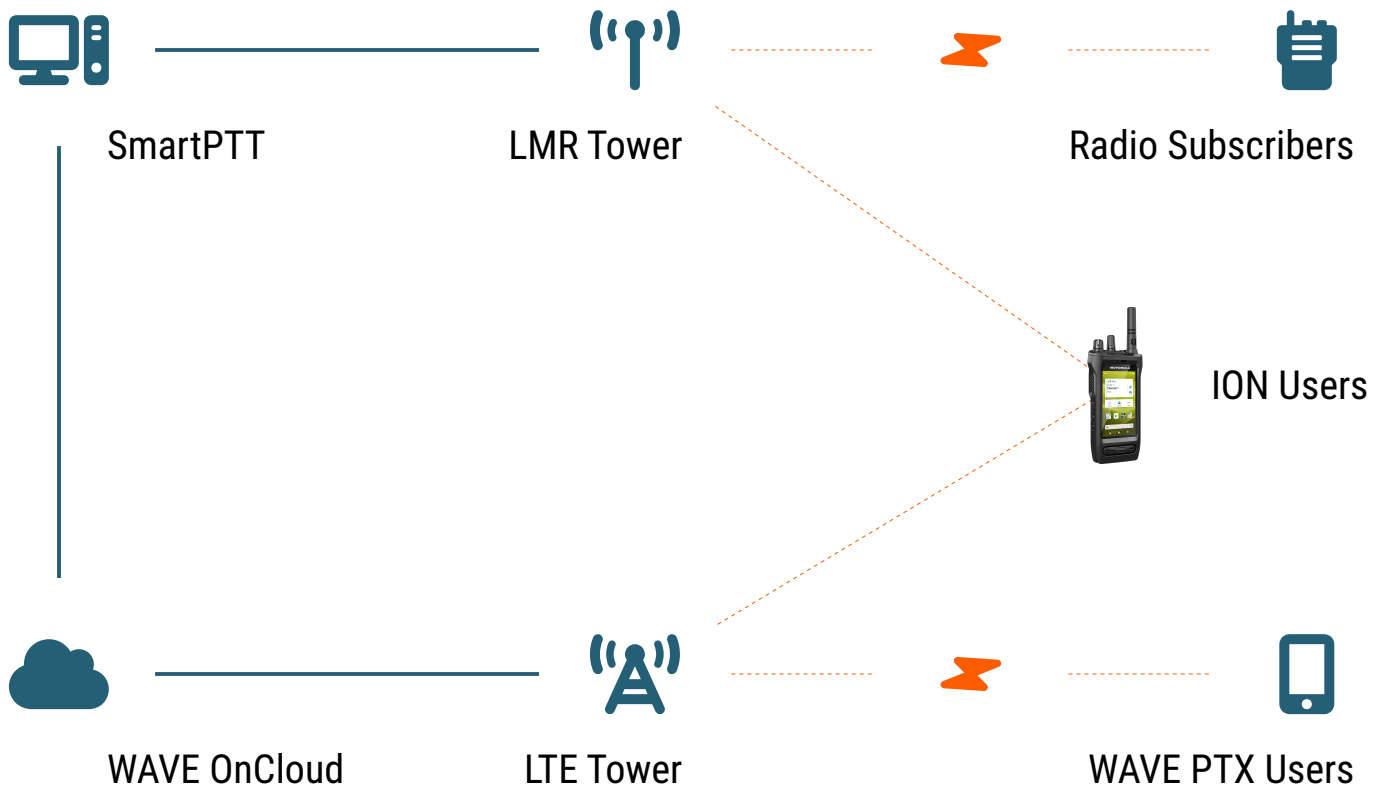
SmartPTT PLUS 9.12 is the first 64-bit release of the product. As such, it handles larger capacity and provides greater performance.

The product supports the smooth upgrade from 9.011 and 9.10 releases. If the product is installed in the default directory (**\Program Files (x86)**), configuration files will be copied to **\Program Files**. A copy of configuration files will remain in the previous folder for backup purposes.

Enhanced Seamless Locate

Get a greater location accuracy for MOTOTRBO ION subscribers

Seamless locate is a part of the WAVE OnCloud support in the SmartPTT. It is applicable only to MOTOTRBO ION, a dual-mode (LTE and LMR) communication device from Motorola Solutions. With the enhancement, operators will know if ION users provide their GPS location updates over LTE or MOTOTRBO network.

SmartPTT   LMR Tower   Radio Subscribers

ION Users

WAVE OnCloud   LTE Tower   WAVE PTX Users

MOTOTRBO ION image is taken from https://www.motorolasolutions.com/en_us/products/two-way-radios/mototrbo/portable-radios/mototrbo-ion-radio.html

SmartPTT supports voice communications and location updates processing for WAVE OnCloud users. WAVE OnCloud is a cloud-based broadband communication solution from Motorola Solutions.

For operation, SmartPTT requires WAVE OnCloud to be integrated with a MOTOTRBO system. The integration is required for voice communication with WAVE users. Direct WAVE connection is required to receive presence and location updates only.

Seamless voice and seamless locate are features available only for MOTOTRBO ION users. MOTOTRBO ION is a dual-mode communication device from Motorola Solution. The features are available only for WAVE OnCloud integration with Capacity Max.

Immediate Cross Patching

Enable and disable cross patches regardless of voice calls intensity

Cross patching is a product feature that allows group call retransmit to other talkgroups. Cross Patches are managed by operators who have corresponding privileges. Previously, cross patches could be turned on/off only if no group calls occur for patched talkgroups. Starting this release, cross patches are turned on/off instantly.

The feature brings the following benefits:

- **Operation transparency**

  Operators are sure that patching starts immediately when they click the corresponding controls in UI. The same occurs if cross patches need to be stopped.

- **Manageable permission**

  Immediate start/stop of cross patching can be granted to selected operators only.

- **Backward compatibility**

  The previous mode of patching (all channels free) remains available for those who needs patched calls to be over before operators stops them.

Voice Notification Updates

Experience greater reachability and predictive behavior with updated notifications

Voice notification is a product feature that provides the ability to send a rerecorded audio to one or multiple talkgroups. It may also be known as Alert Tones. In this release, the feature was reviewed and enhanced to meet the increased customer expectations from the feature.

The feature brings the following benefits:

- **Interruption capabilities for voice notifications**
  Voice notifications can be configured to interrupt voice calls to target talkgroups or avoid such interruptions. This increases delivery chances for urgent alerts.

- **More statuses for greater control**
  If all targets are busy, voice notifications will be queued. They start only if at least one party becomes available. Operators will see voice notification statuses (started, queued and other) and number of parties receiving the transmit.

- **Detailed logging**
  Operators have more information about Voice Notifications in their Event Logs. This includes individual entry for each available party, transmit status etc.

Cyber Security Enhancements

Increase your system safety and prevent unauthorized access

- **Basic password policies**

  The product requires administrators to respect the required password length and complexity. If required, policies can be adjusted according to the organization needs.

- **Sensitive data encryption**

  Product introduces encryption of the most sensitive information in its configuration. This affects user passwords, secure keys, and API keys. Corresponding algorithms are reviewed and upgraded to increase the Product compliance with modern cyber security requirements.

OVCM Calls Encode

Reach more subscribers in conventional systems when you call for help

Open Voice Channel Mode (OVCM) is a voice calls modifier that is allowed to be heard by other subscribers. For this, they require "OVCM Receive" to be enabled. Previously, the product supported OVCM calls decode. Now, the product allows to initiate them.

The feature brings the following benefits:

- **Greater coverage**

  With OVCM enabled, operators are able to reach more subscribers. Based on the talkgroup name/ID, subscribers get more information about the call and are able to reply properly to operators.

- **Conventional systems**

  The product supports incoming and outgoing OVCM calls when connected directly to IP Site Connect. The support for control stations is also available.

- **Limited configuration capabilities**

  The product does not provide UI tools to enable/disable OVCM calls in runtime, per operator, and per resource basis. This might become available later.

Miscellaneous

Learn more about changes in the product

- **M2022.03 Release**

  The Product supports M2022.03, a newest MOTOTRBO release. At this, the product preserves the support of the latest firmware and software release for Connect Plus (R2.10.5).

- **M2022.02 Release**

  The Product supports M2022.02, a summer release of the firmware and software for MOTOTRBO system components.

- **Pei tel PS-20 Microphone**

  Product is reviewed and tested to be compatible with the PS-20 desktop microphones from Pei tel. Please check a list of supported audio and dispatch accessories at https://smartptt.com/supported-devices/

Change Announcements

Be aware about modifications to occur in the product after October 2023*

Starting October 2023, SmartPTT releases will incorporate the following changes:

- **Server Connection to SQL**

  The connection between the Product Server and SQL Server will become required. This is to increase the role of centralized logging in SmartPTT. Currently, that kind of connection and logging is completely optional. The product will remain tolerant to hypothetical SQL connection failures.

- **New License Keys**

  SmartPTT will have more features managed by license keys. This is to facilitate customer demands on UI flexibility. For instance, Rules & Alerts will be affected.

- **API Version Updates**

  SmartPTT introduces version V1 of the Text API. The version introduces the support of text messaging between radio subscribers and SmartPTT client applications. Previous version (Text API V0) is now deprecated and will be removed from the product.

* Affects product versions released after October 1, 2023.

Contact Us

To learn more about the product and request a price list, please email to

sales@smartptt.com

To request a help or technical consultation, please email to

support@smartptt.com

To share your feedback on the product, documentation, and services, please email to

feedback@smartptt.com

SmartPTT

smartptt.com

info@smartptt.com

+1-786-362-5525

290 NW 165th St, P-800A, 3rd Flr, Miami, FL, 33169, USA