

SmartPTT Express Release Notes

Features

SmartPTT Express 2.5 provides new features that were unavailable in the previous product release.

DIMETRA Express 1.5 Support

SmartPTT Express now supports DIMETRA Express 1.5.

DIMETRA Express Redundancy Support

SmartPTT Express Configurator now provides the ability to configure a redundant DIMETRA Express connection and switch between the main and redundant DIMETRA Express Server.

Radio Location History

SmartPTT Express Client now provides a dedicated panel for displaying location history of radio users (tracks). The history is displayed as a graph on the map. Single or multiple tracks can be viewed simultaneously. Furthermore, the user can click graph points to access information from the radio's location report, such as movement speed, direction, and more.

Reading GNSS Settings from Radios

SmartPTT Express Client now provides the ability to retrieve GNSS settings from DIMETRA radios. These settings include the list of parameters the radio sends in its location report, the interval between regular reports, location update triggers, and backlog recording triggers.

PostgreSQL Database for Voice Records and Location Data

Voice records and location data are now stored in a PostgreSQL database. A new database can be set up via SmartPTT Express installation file, or an existing database can be used. SmartPTT Express installation also provides easy to use tools for backing up and restoring the data.

Enhancements

SmartPTT Express 2.5 provides various feature enhancements.

- SmartPTT Express Client users can now select the audio device to be used for playing voice records.
- The audio archive now provides the ability to play voice records at double speed.
- DIMETRA Express configuration in SmartPTT Express Configurator has been made easier.
- Users can now attach notes to voice records in the audio archive.
- Map callouts have been made more compact and easier to read.
- Multiselect and patch group configuration has been redesigned.
- It is now possible to create temporary multiselect and patch groups whose content is not saved in the layout.
- New software buttons have been added for activating multiselect groups, and for initiating a transmission to patch groups.
- Sync for DCS (voice dispatch) and AIS (digital audio recording) connections to DIMETRA Express is now performed separately. Sync success/failure messages are now more informative.
- Newly created layouts are now immediately displayed in SmartPTT Express Configurator without the need to restart the Configurator.
- If SmartPTT Express Client loses connection to SmartPTT Express Server, the user session is no longer immediately ended. The Client is given five seconds to reconnect.
- Various user interface enhancements.

Fixed Issues

SmartPTT Express 2.5 contains fixes for some issues that are known since the previous release of the product.

ID	Information
47151	<p>Description: Right after changing Logging Client IP Address in DIMETRA Network Manager, if the user performs Sync in SmartPTT Express Configurator with both voice dispatch and audio recording configured, information about audio recording capacity will not be obtained.</p> <hr/> <p>Workaround: Sync again after a few minutes.</p>
46714	<p>Description: If audio volume of a resource with an acknowledged (but not cleared) emergency is muted, a new emergency from a different radio does not set it to maximum; the talkgroup remains muted.</p> <hr/> <p>Workaround: Unavailable.</p>
45573	<p>Description: Assigning numpad keys to the General Transmit action with Num Lock off results in them not being assigned properly.</p> <hr/> <p>Workaround: If desired to use numpad keys to initiate General Transmit, ensure that Num Lock is turned on.</p>
45575	<p>Description: When assigning the Shift, Alt or Ctrl key to the General Transmit action, SmartPTT Express Client does not distinguish between the left and right versions of the key; both will initiate General Transmit.</p> <hr/> <p>Workaround: Unavailable.</p>
43469	<p>Description: During a full duplex private call, quickly clicking the PTT button several times makes it and the tile's selection area unresponsive. Dispatcher's voice is heard without the need to press PTT; terminating the call in SmartPTT Express Client does not stop voice transmission.</p> <hr/> <p>Workaround: Have the radio user terminate the call and start another.</p>

Known Issues

SmartPTT Express 2.5 contains several issues that may affect installation, configuration, and usage of the product.

ID	Information
36135	<p>Description: If DIMETRA talkgroups become inoperable (for example, because DIMETRA Express connection has been lost), multiple preexisting multiselect groups can be activated. When talkgroups become operable again, the multiselect groups stay activated and may give an error message when the user tries to deactivate them.</p> <hr/> <p>Workaround: Restart SmartPTT Express Client.</p>
36376	<p>Description: If a resource with an active emergency is added to a dispatcher's layout, no emergency indication is provided to the dispatcher. Indication appears only for resources that have been added to the layout prior to receiving the emergency.</p> <hr/> <p>Workaround: Unavailable.</p>
N/A	<p>Description: If a patch group is active, retransmitted voice may appear as an incoming transmission or as an outgoing transmission. Indication depends on talkgroup settings (the <i>Regroupable</i> parameter) in DIMETRA Express.</p> <hr/> <p>Workaround: Configure all DIMETRA talkgroups in the same way, and then inform your dispatchers on the correct indication.</p>