

SmartPTT Express Release Notes

Features

SmartPTT Express 2.1.17 provides new features that were unavailable in the previous product release.

DIMETRA Express 1.3 Support

SmartPTT Express dispatch software supports DIMETRA Express 1.3, the current version of the DIMETRA Express software and firmware. Also, dispatch software remains compatible with DIMETRA Express 1.2.

The process of SmartPTT Express configuration to work with DIMETRA Express 1.2 and 1.3 is the same.

Offline Maps

SmartPTT Express supports OpenStreetMap (OSM) maps that are placed in local or network file storage. The maps are a set of bitmap images (.png) placed in a folder whose name includes zoom factor, initial latitude, and initial longitude.

Creating offline maps is described separately and published on the website of SmartPTT Technical Support Center. To create an offline map, free tools and services are used.

SmartPTT Express does not provide demo files of offline maps.

Optional Uninterruptible Incoming Transmissions

SmartPTT Express allows to configure incoming voice transmissions (from radio users) as uninterruptible for dispatch console users. This option is not mandatory and is turned off by default. If activated, it applies to all SmartPTT Express dispatchers.

This option does not modify outgoing call prioritization and interruption system.

SmartPTT Express SCADA Support

SmartPTT Express supports SmartPTT Express SCADA, a software for remote data acquisition and remote control in civil engineering. Connection to the software must be licensed in the dispatch software.

SmartPTT Express SCADA will be available later this summer. For details, contact Elcomplus LLC representatives in your region.

System-wide Call

SmartPTT Express supports incoming and outgoing system-wide calls. This type of call is addressed to all radio users in DIMETRA Express. Dispatch console users that have the corresponding resource in their resource area will be able to receive and initiate system-wide calls.

SmartPTT Express supports voice recording for system-wide calls. After recording, the voice transmission can be played in SmartPTT Express Client.

Sometimes, system-wide call may be referred to as “all call” or “broadcast call”.

Enhancements

SmartPTT Express 2.1.17 provides various feature enhancements.

- Human Interface Device (HID) class of USB devices is supported.
- Audio output test is implemented in the form of test sound playback.
- In SmartPTT Express Configurator, basic configuration mode is added. It provides the ability to hide settings that only need be accessed in special cases.
- In SmartPTT Express Configurator, search/filtration of talkgroup and radio user lists is added.
- During a fresh SmartPTT Express Server installation, the path to the dispatch system database can be configured (includes activity information and audio archive).
- Language selection is added to the SmartPTT Express installation program.

Fixed Issues

SmartPTT Express 2.1.17 contains fixes for some issues that are known since the previous release of the product.

ID	Information
35826	Description: If a patch group is active, retransmitted voice calls appear as voice calls from another dispatch console, not as outgoing voice calls. This may confuse dispatchers and make them think that they see a call from that dispatch console.
35725	Description: If an active APB Transmit is interrupted by a transmission with a greater priority (for example, by Instant Transmit from another dispatch console), it is not restored after the interrupting transmission ends.
N/A	Description: If speakers, headsets, or microphones are re-connected to the active dispatch console, they may stop to process voice (play incoming voice or capture dispatcher's voice). The same problems occur if devices are reassigned multiple times in the Audio Devices tab of the Dispatch Position Settings window.

Known Issues

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

ID	Information
N/A	Description: Some changes of system configuration (for example, new license file installation) are not applied after they are saved. They require SmartPTT Express Server restart to be applied.
36104	Description: If DIMETRA Express configuration is updated and applied, patching fails in SmartPTT Express. In particular, retransmit indication appears but no voice is actually routed. Workaround: Always restart SmartPTT Express Server after you apply changes in DIMETRA Express.
N/A	Description: Dispatchers are unable to initiate multiple calls from the same dispatch console. They must end any current voice transmission to initiate another one. Workaround: unavailable.
N/A	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 Regroupable parameter) in DIMETRA Express. Workaround: Configure all DIMETRA talkgroups in the same way, and then inform your dispatchers on the correct indication.
38162	Description: Existing records in the audio archive disappear upon the SmartPTT Express Server restart after the software is upgraded from 2.0 to 2.1. Workaround: perform a fresh SmartPTT Express 2.1 installation instead of upgrade.