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SmartPTT Express Release Notes

Breaking Change

The format of Hardware ID (HID) required to order and install a license has been changed in SmartPTT Express 2.2 to improve reliability and prevent certain issues. Customers who ordered licenses before this release will need to request a new license file using a newly generated HID.

Features

SmartPTT Express 2.2 provides new features that were unavailable in the previous product release.

Analog Conventional Systems Interconnect

SmartPTT Express can now access any radio systems by means of RG-1000e gateways. Each gateway connects to up to two donor radios via 4-wire E&M inteface, thus providing the ability to bridge the radio systems the donor radios belong to. Bridges are configured in SmartPTT Express Configurator and managed on SmartPTT Express Client Patch Monitor panel.

Ambience Listening

Ambience listening is a special type of private call that can be initiated by a SmartPTT Express Client user. It puts a radio in transmit mode without that radio user's knowledge. No indication is provided on the radio. The feature is intended for ensuring safety of lone workers or workers who may be in a dangerous situation.

Radio Status Support

SmartPTT Express now supports radio status messages. When a radio sends such message, an entry is generated in the Activity Log and in the individual Call Log for the corresponding talkgroup. The latest status message is also displayed in the callout that appears when the user clicks a radio marker on the map.

Additional Location Information Display

The callout that appears when the user clicks a radio marker on the map now displays additional information, such as coordinates accuracy, speed and direction of movement, and more. The information displayed can be customized for each UI layout.

Enhancements

SmartPTT Express 2.2 provides various feature enhancements.

- Audio Archive records can now be exported as .wav files. Call metadata is saved in the file as well.

- Radio name display on the map is now optional for improved user experience with densely packed clusters of radios.

- Right-clicking an Activity Log, Audio Archive or resource Call Log entry, or a radio marker on the map opens an action menu that provides the following abilities: initiate/finish a private call or ambience listeninng, request coordinates update, find the radio on the map.

- Radio marker on the map now changes color when the radio sends an emergency signal (if the talkgroup the signal has been sent to is added to the UI layout).

- A more robust Hardware ID (HID) generation algorithm has been implemented.

- Various user interface enhancements.

Fixed Issues

SmartPTT Express 2.2 contains fixes for some issues that are known since the previous release 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.

Known Issues

SmartPTT Express 2.2 contains several issues that may affect installation, configuration, and usage of the product.

ID	Information
39894	Description: In Windows 10 1809 Pro Education N with German localization, incoming and outgoing voice to and from SmartPTT Express Client is not heard.
	Workaround: Install Media Feature Pack for Windows 10 N: https://www.microsoft.com/en-us/software-download/mediafeaturepack
40421	Description: While ambience listening is active, changing Private Call tile volume or selection state will cause it to finish.
	Workaround: unavailable.
41398	Description: Ambience listening may finish prematurely if another dispatcher performs actions involving the Private Call tile.
	Workaround: unavailable.
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.
N/A	Description: When upgrading to SmartPTT Express 2.2, voice dispatch becomes disabled for all talkgroups; radios become unassigned for Location Service.
	Workaround: In SmartPTT Express Configurator, sync with DIMETRA Express, then re-enable voice dispatch for desired talkgroups and reassign desired radios to Location Service.