ICE Mobile Release Notes 3.5.0

Release notes for prerelease

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Contents

1 New & Improved

These changes add new features or improve the functionality of existing ones:

- Audio gain control. (ICE-22457)
- Upgrade engage to 1.244. (ICE-24078)
- Channels Improvements. (ICE-23528)
- Mobile: Change callkit. (ICE-23641)
- Deprecated imperative apply of Flutter's Gradle plugins. (ICE-23788)
- Upgrade Flutter to 3.19.1. (ICE-23642)
- Flutter: Latched PTT. (ICE-22893)
- Eliminate BuiltInReceiver for iOS. (ICE-23596)
- Cleanup Persistent RX Display. (ICE-23557)
- Tactical Improvements. (ICE-23529)
- Minor adjustments to alerts style. (ICE-23364)
- Update FVM. (ICE-23421)
- Add settings for Mono Stereo mode. (ICE-22990)
- Implement audio device selection in Radio mode. (ICE-23094)
- Add support for Bittium buttons. (ICE-23301)
- Update Engage to 1.240. (ICE-23141)
- Update targetSdkVersion to 34. (ICE-23075)
- Simplify tactical license ux. (ICE-18847)
- Update Channel Card to New Design. (ICE-22871)
- Update Nav Bar to New Design. (ICE-22872)
- Apply submenu for sending test audio alerts. (ICE-22307)
- Eliminate built_value from the project. (ICE-17549)
- Eliminate RxSearchField. (ICE-22318)
- Misc. theme-related and UI cleanups. (ICE-22737)
- Changing a channel name should change the name of the chat session based on the channel. (ICE-22141)
- Channel participant enhancements. (ICE-17425)
- Fine-grit polishing of chat page in ICE Mobile. (ICE-22684)
- Integrate Stone Mountain BLE PTT devices. (ICE-22459)
- Mobile: Add a cancel button to interrupt a login session while trying to connect to the server or when app is waiting too long. (ICE-22590)
- Setting screen dark mode UI enhancements. (ICE-22668)
- UI cleanup of chat thread list. (ICE-22609)
- UI cleanup of text messaging chat page. (ICE-22604)

- Setting for ability to mute channels. (ICE-22386)
- Update Navigation Drawer. (ICE-22306)
- Redesign to Dark Theme. (ICE-22208)
- Prototype ability to use onFastForwarward and onRewind media events to change channel. (ICE-22103)
- Install server-supplied certstore to ICE Mobile engage engine. (ICE-18323)
- Add NavigationRail & TabBar & AppBar to WidgetBook. (ICE-22083)
- Mobile: Add the ability to simulcast an audio alert on multiple channels. (ICE-21819)
- Telephony redesign enhancements. (ICE-22063)
- Add organization setting to control whether GIPHY is enabled. (ICE-22071)
- Add multilingual "Hello" animation to login screen. (ICE-22070)
- Flutter : Change telephony design. (ICE-21875)
- Update TabBar & NavigationRail & AppBar according to new design. (ICE-22042)
- Channel card PTT button should be removed when "On-Screen PTT" setting is disabled even in normal mode. (ICE-22061)
- Exclude from GIT generated files. (ICE-21835)
- Change the name of the Engage "encryption key" to "authenticator". (ICE-21823)
- SnackBar design. (ICE-21977)
- 30 seconds timeout on incoming calls. (ICE-21306)
- Render map tiles in dark mode; update map marker and popup accordingly. (ICE-22010)
- Add WidgetBook. (ICE-21978)
- Colors & Fonts & Elevation. (ICE-22005)
- Migrate to single location library. (ICE-19911)
- Save missions to internal storage. (ICE-21958)
- Redesign for People Tab. (ICE-21876)
- Put new design for Login page. (ICE-21931)
- Add GIPHY text message attachments and URL unfurling. (ICE-21796)
- iOS: Allow media button for PTT only when headset connected. (ICE-21944)
- Flutter: Support for small screens. (ICE-1254)
- Add Settings allowing to disable becoming audio player. (ICE-21389)
- Add Entra ID SSO login to ICE Mobile. (ICE-20730)
- Fix auto-hide server. (ICE-21737)
- Secondary button to manage private calls. (ICE-20120)
- Mobile: Add setting to auto-hide server field after first valid login. (ICE-5798)
- Integrate Telox M6 Android Vehicle Phone. (ICE-20014)
- Rename app launcher icon to "Instant Connect" (from "ICE Mobile"). (ICE-21051)
- Update flutter_blue_plus library. (ICE-21103)
- Channel card Enhancements. (ICE-21240)

2 Fixes

These issues have been resolved in this version of the product:

- PTT chirp is played out later after a period of idle. Discovered in 3.3.0. (ICE-20950)
- Mobile: Location isn't enabled if user selects "Approximate" on app's startup. Discovered in 3.3.0. (ICE-20048)
- Mobile: User on a PVT call and TX on an assigned channel from dashboard, audio keeps flowing even after user stops Transmitting and PVT call gets unmuted. Discovered in 3.3.0. (ICE-20881)
- App is stuck after user is removed from a group when there is an active chat session. Discovered in 3.5.0. (ICE-22654)
- Mobile: Toast message is reversed: when it reconnects to DC1, it says "re-established DC2…" and vice versa. Discovered in 3.3.0. (ICE-20578)
- XP8 volume change not possible via rocker. Discovered in 3.4.0. (ICE-22204)
- SAVE FILE in QR code screen saves .ice file. Discovered in 3.4.0. (ICE-21996)
- BLE device not connecting after app restart. Discovered in 3.1.1. (ICE-15814)
- Mobile: Transmit continues if wireless BLE accessory is disconnected during PTT. Discovered in 3.3.0. (ICE-19895)
- Mobile: Message Improvement while Same Priority Users try to exchange the PTT on the HDX channel. Discovered in 3.3.0. (ICE-21309)
- App does not install on a Samsung Tab S8+. Discovered in 3.3.0. (ICE-21469)
- Mobile: Android -User doesn't get notification for Location tracking when ICE App is running. Discovered in 3.3.0. (ICE-20647)

3 Known Issues

These are issues known to exist in the product:

3.0.1 ICE Mobile users cannot increase/decrease some volume settings using a device's rocker switch. (ICE-24543)

3.0.1.1 Conditions   This problem is limited to Android 14.

3.0.1.2 Workaround   Use the ICE Mobile interface to manually adjust volume settings.

3.0.1.3 Additional information   It appears that Android 14 automatically determines the call volume should change, rather than the media volume.

3.0.2 When using a Bluetooth audio device, the mic audio is picked up by the phone's mic for part of the first second and then correctly switches to the Bluetooth mic. This happens when transmitting after an idle period of ~10 seconds. Subsequent transmissions are fully picked up by the Bluetooth mic as expected. (ICE-24171)

3.0.2.1 Conditions   The device has Android 14 installed.

3.0.2.2 Workaround   Do not use Android 14.

3.0.2.3 Additional information   It appears that within about 10 seconds of ending a rx/tx event, the OS decides to change the audio route.

3.0.3 After a device is left idle for ~10 seconds, the audio level on the initial transmission is noticeably lower than expected. The audio level returns to the expected level on subsequent transmissions. (ICE-23975)

3.0.3.1 Conditions   The device has Android 14 installed.

3.0.3.2 Workaround   Do not use Android 14.

3.0.3.3 Additional information   It appears that within about 10 seconds of ending a rx/tx event, the OS decides to change the audio route.

3.0.4 When a device screen is blank, there is no visual indication of incoming private calls, alerts, or messages. There is only an audible indicator. (ICE-23578)

3.0.4.1 Conditions   The device has Android 14 installed.

3.0.4.2 Workaround   Do not use Android 14, or unlock the device and bring ICE Mobile to the foreground.

This document describes changes introduced between build d7ba936 to 1d39ba9.