



ICE Mobile 2.2.0

Release notes for prerelease

Copyright © 2024, Instant Connect Software, LLC. All rights reserved.
Document version 1841, produced on Friday, September 06, 2024.

main 90adc8bf40040649230176bbdd465f6261a2d8e0

ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. STA GROUP DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL INSTANT CONNECT LLC OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF STA GROUP OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Trademarks mentioned in this document are the properties of their respective owners.

Contents

- 1 New & Improved** **4**
- 2 Fixes** **4**
- 3 Known Issues** **5**
 - 3.0.1 Audio is delayed when placing a Sonim XP8 into the cradle of an AdvanceTec Hands-free Car Kit. (ICE-4383) 5
 - 3.0.2 Poor audio quality is observed when an ICE user calls another ICE user through a PSTN “dial call”. (ICE-4027) 5

1 New & Improved

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

- Flutter: Keep logs after app restart. (ICE-9845)
- Increase Engage watchdog interval to improve stability. (ICE-9824)
- Flutter: Add setting to enable/disable verbose logging. (ICE-9687)
- Flutter: About page should display short git hash in versioning information. (ICE-9598)
- Separate logic between channel and telephony blocs. (ICE-9140)
- Flutter: Integrate PTT button for Kyocera 5G Ultra phone. (ICE-9335)
- Flutter: Update send text alert UI. (ICE-9182)
- Flutter: Periodically send call correlation reports to Arcus. (ICE-8267)
- Flutter: Remove Cistech GV-1. (ICE-8902)
- Flutter: Implement Predefined Alert Messages. (ICE-8698)
- Flutter: Samsung XCover Pro PTT integration. (ICE-8858)
- Flutter: Integrate button SDK for Cisco CP-840S. (ICE-8451)
- Flutter: Update engage engine to 1.210 for Android. (ICE-8832)
- Flutter: Send logs from Engage back to Engage logging. (ICE-8312)

2 Fixes

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

- Flutter: Allow login with self signed certs. Discovered in 2.0.0. (ICE-5927)
- Engage: Audio feedback in private calls between 2 flutter clients is unbearable. Discovered in 2.2.0. (ICE-8213)
- DFSIG: general VQ issues with transmits. Discovered in 2.2.0. (ICE-9568)
- Flutter: Default map position should be DKG's corp office. Discovered in 2.1.2. (ICE-9569)
- Flutter : Randomly observed loading/spinning wheel on channels but PTT Rx comes on channels and also People tab shows "No active channels". Discovered in 2.1.2. (ICE-8335)
- Flutter: Channel creation error. Discovered in 2.1.2. (ICE-8095)
- Flutter: Bluetooth connectivity issues. Discovered in 2.1.2. (ICE-8833)
- Flutter : Alerts history should be properly sorted in asc./desc. Order of time. Discovered in 2.1.2. (ICE-8442)

3 Known Issues

These are issues known to exist in the product:

3.0.1 Audio is delayed when placing a Sonim XP8 into the cradle of an AdvanceTec Hands-free Car Kit. (ICE-4383)

3.0.1.1 Conditions A several-second delay in audio is observed when placing a Sonim XP8 phone into the AdvanceTec Hands-free Car Kit cradle. This delay is observed only initially as the phone syncs with the cradle. After which, audio is transmitted and received correctly.

3.0.1.2 Workaround Do not place the Sonim XP8 into the cradle while transmitting or receiving audio. Alternately, inform teammates that your device may temporarily lose audio while you transfer to the car.

3.0.1.3 Additional information This behavior is not specific to Instant Connect and is exhibited with all audio on the device (for example, while watching a YouTube video).

3.0.2 Poor audio quality is observed when an ICE user calls another ICE user through a PSTN “dial call”. (ICE-4027)

3.0.2.1 Conditions When two users are assigned dial numbers and one user dials another user’s device through the soft-phone feature in the app, the established call will exhibit lower audio quality than expected.

This issue is not exhibited when a user makes a “private call” to another user. That is, only user-to-user calls placed by dialing a phone number are subject to this limitation.

3.0.2.2 Workaround Instant Connect users should call each other through the private calling mechanism by searching for the user’s name in the directory and clicking the adjacent telephone icon.

3.0.2.3 Additional information This issue is caused by double-encoding “loopback” audio traffic as it enters and leaves the ICE Telephony system.

This document describes changes introduced between build e73524a to 51f9b73.