



ICE Desktop 3.0.0

Release notes for prerelease

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Contents

1	New & Improved	4
2	Fixes	5
3	Known Issues	7
3.0.1	ICE Desktop intermittently fails to reconnect to an alternate geo-redundant site during a data center outage. (ICE-11260)	7
3.0.2	ICE Desktop users cannot log into an ICE Server using an SSL certificate issued by Let's Encrypt. (ICE-11126)	7
3.0.3	On some keyboards, the Ctrl+Right and Alt+Right key combinations may not work for hotkeys configured in ICE Desktop. (ICE-9735)	8
3.0.4	On Windows, a channel utilizing multicast networking may not display a warning when multicast is unavailable. (ICE-8134)	8

1 New & Improved

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

- Desktop: Play sound effect when sending or receiving a text message. (ICE-12510)
- Only creator should be able to delete chat. (ICE-11074)
- Desktop: JITC requires legal MoD to be displayed when logging in with CAC/PIV. (ICE-11252)
- Show status of Kenwood NEXEDGE group. (ICE-11164)
- ICE-D: Add configuration panel for LDAP service account. (ICE-11215)
- Cloud: Add Ingress for ICE Desktop. (ICE-11200)
- ICE Desktop (Web) - Implement deactivation on client. (ICE-11050)
- Desktop Dialpad to have User extension. (ICE-6316)
- Desktop: Implement login window changes for smartcard login. (ICE-10822)
- Desktop: Add organization-level setting to enable smartcard login. (ICE-10821)
- DESK: Telephony channels priority handling. (ICE-10775)
- Desktop: Audit logs Export to CSV. (ICE-9911)
- ICE Desktop - Improve CDR failure recovery. (ICE-10757)
- Desktop: Finalise design changes(background colours, boards, outlines, text colours, etc.). (ICE-9673)
- Desktop: Create common Dropdown component, update usage across the app. (ICE-9670)
- ICE Desktop - Create RX CDR records even when header extensions disabled. (ICE-10758)
- Desktop Create common Button component. (ICE-10490)
- ICE Desktop (Web) - Pipes to Transport Media to other ICE-Web Service. (ICE-10267)
- Desktop: User username and display name in CDR. (ICE-9882)
- Desktop: Display Arcus person ID in Settings->People. (ICE-10295)
- Desktop Messaging: Add search. (ICE-9780)
- ICE Desktop (Web) - Update client state with state from other servers. (ICE-10334)
- Desktop: Replace launcher icons with gold-standard version. (ICE-10696)
- Desktop: Implement administrative UI for priority and preemption. (ICE-9884)
- Desktop: sort lists of P25 Fixed Stations by name. (ICE-10532)
- DFSIG: Report FS status to the server. (ICE-9192)
- Desktop: Audit logs table. (ICE-9910)
- Desktop: Create common Input component, update usage across the app. (ICE-9671)
- Desktop: Improve copy to simultaneous login setting. (ICE-10549)
- Desktop: Display “External System” instead of “Unknown” when PTT caller ID cannot be determined. (ICE-10533)
- Desktop: Limit FS address to ip only. (ICE-10488)
- Desktop: Add organizational setting to control single/simultaneous user logins. (ICE-9512)

- Desktop: migrate icons to custom SVG across project. (ICE-6676)
- Desktop: Create Common Alert Notification Component. (ICE-10298)
- Desktop: Create common Problem component. (ICE-10299)
- Desktop: Create common Notification component, update usage across the app. (ICE-9672)
- Desktop: Create mechanism of logging which can be accessible after app restart crash. (ICE-9970)
- ICE Desktop (Web) - Add Media State properties that currently rely on engage for rendering a channel. (ICE-9831)
- Desktop: Audit logs Time Selector. (ICE-9909)
- Desktop: Create common Checkbox component, update usage across the app. (ICE-9668)
- Desktop: Setup Storybook. (ICE-9664)
- Desktop: Audit logs main layout. (ICE-9908)
- Desktop: Create common Accordion component, update usage across the app. (ICE-9669)
- Desktop: Show channel name along with FS. (ICE-9194)
- Increase Engage watchdog interval to improve stability. (ICE-9824)
- Web: mediasoup client library integration. (ICE-4810)
- Desktop: Update colours lib. (ICE-9665)
- Desktop: Messages > Cover with Unit tests. (ICE-9332)
- Desktop: Create Messages Tab. (ICE-6516)
- Desktop: Messages Tab - Write Unit Tests (CreateChatForm.jsx, DashboardMessagesTab.jsx, ChatsList.test.jsx). (ICE-6521)
- ICE Desktop (Web) - Get the app working via NGINX Ingress. (ICE-9313)
- Desktop - Refactor channel components to decouple from engage. (ICE-8173)
- Desktop: Implement offline tactical license deactivation. (ICE-9242)
- Desktop: Settings->Channels - Fix assigning users to a channel for large numbers of users. (ICE-6543)
- ICE Desktop - sync develop with release/2.1.4. (ICE-9340)
- ICE Desktop (Web) - Implement Map window. (ICE-9291)
- ICE Desktop (Web) - Implement new app windowing strategy. (ICE-8569)
- Desktop: Add console id to fixed station. (ICE-8856)
- Desktop: allow ldap filter to be empty. (ICE-9121)

2 Fixes

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

- Desktop: Channel Patching icon is not visible to non patch admin user. Discovered in 2.2.0. (ICE-

10578)

- Desktop : Alerts history should be properly sorted in asc./desc. Order of time. Discovered in 2.1.2. (ICE-8441)
- Desktop: Old text input style is present in the application. Discovered in 3.0.0. (ICE-10587)
- Desktop should not allow emojis and special characters in firstname, lastname and email of users even while editing from Profile. Discovered in 3.0.0. (ICE-11478)
- Desktop: Avatar / presence ring in Settings->People is wrong color. Discovered in 3.0.0. (ICE-12022)
- ICE-D: Unable to create users with @mil, so CAC/PIV login will fail for non-LDAP users. Discovered in 3.0.0. (ICE-11250)
- ICE - D : Alert symbol issue on “People assigned to this channel” search. Discovered in 3.0.0. (ICE-11301)
- ICE - D : Audit log tab shows blank line in performed by for some created alerts. Discovered in 3.0.0. (ICE-11193)
- ICE - D : Default on Patch servers of develop keep flickering when I created new Patch server, set that server to default and then again set to previous default. Discovered in 3.0.0. (ICE-11271)
- Desktop: [Tactical]: RP enabled channels in mission with passphrase show limited connectivity error. Discovered in 3.0.0. (ICE-11210)
- ICE-D: Geo setup: No audio in private call from Desktop to Flutter when endpoints are in different data center. Discovered in 2.2.0. (ICE-10596)
- Desktop: Form error clears filled out fields. Discovered in 2.2.0. (ICE-9764)
- Desktop : Profile window shows “Invalid email address” error if user is not having email added. Discovered in 2.2.0. (ICE-10366)
- ICE Desktop - allow scheme on org HA server hostname/ip field. Discovered in 2.2.0. (ICE-10343)
- Desktop: Validate encryption key all chars are hex. Discovered in 2.2.0. (ICE-9945)
- Desktop: key creation failure messages are generic. Discovered in 2.2.0. (ICE-9763)
- Desktop: cannot remove chan2 association to key9_DES. Discovered in 2.2.0. (ICE-9981)
- Desktop: P25 DES key incorrect keydata length. Discovered in 2.2.0. (ICE-9960)
- Error: Error: personId is required for FETCH_PERSON_CHANNELS action. Discovered in 2.2.0. (ICE-9848)
- NonError: undefined. Discovered in 2.0.0. (ICE-9785)
- Desktop: Search by Talker is not working for other talker(user) in Replay tab. Discovered in 2.1.2. (ICE-8697)
- Desktop : “Mute all channels” not working. Discovered in 3.0.0. (ICE-9012)
- Desktop: Logic for paging dial numbers is missing/broken. Discovered in 2.0.0. (ICE-6279)
- Desktop : User info on Map blinks too much when there are many users (observed on dev212 server while load is running). Discovered in 2.1.2. (ICE-8869)
- Desktop : App saves invalid server address as well for login popup. Flutter saves only valid ad-

dress. Discovered in 2.1.2. (ICE-8401)

3 Known Issues

These are issues known to exist in the product:

3.0.1 ICE Desktop intermittently fails to reconnect to an alternate geo-redundant site during a data center outage. (ICE-11260)

3.0.1.1 Conditions When operating a geo-redundant system, and one of the data centers suffers an outage, ICE Desktop users may not automatically reconnect to the alternate site.

3.0.1.2 Workaround A user that becomes disconnected from the failed data center can manually logout and re-login to correct the issue.

3.0.1.3 Additional information This is a known issue (ICE-11260) that will be fixed in a subsequent release of ICE Desktop.

3.0.2 ICE Desktop users cannot log into an ICE Server using an SSL certificate issued by Let's Encrypt. (ICE-11126)

3.0.2.1 Conditions This issue only affects customers who are using a Let's Encrypt, SSL server certificate applied to their ingress controller. This is most typically done in conjunction with the Cert Manager tool.

Customers using an SSL certificate from any other certificate provider (including self-signed certificates) are not affected. ICE Mobile and most browsers are also not affected.

3.0.2.2 Workaround Replace the Let's Encrypt SSL server certificate with a new certificate issued by a trusted certificate provider other than Let's Encrypt.

3.0.2.3 Additional information On September 30, 2021, the root certificate used by Let's Encrypt expired, impacting many systems on the Internet (not just Instant Connect). A new root certificate has been issued and is now being used by Let's Encrypt. However, a defect in the open source software development kit underlying ICE Desktop (called Electron) prevents the new, corrected certificate from taking effect.

An article describing the Let's Encrypt expiration can be found here, <https://techcrunch.com/2021/09/21/lets-encrypt-root-expiry/>. The Electron defect is described here, <https://github.com/electron/electron/issues/31212>

3.0.3 On some keyboards, the Ctrl+Right and Alt+Right key combinations may not work for hotkeys configured in ICE Desktop. (ICE-9735)

3.0.3.1 Conditions This is not ICE Desktop issue, some keyboard layouts may have restrictions on uses for Ctrl+Right, Alt+Right on Windows 10.

3.0.3.2 Workaround We recommend using other keys for hot key functionality, for example, instead of Ctrl+Right and Alt+Right, use Cntrl+Left and Alt+Left.

3.0.4 On Windows, a channel utilizing multicast networking may not display a warning when multicast is unavailable. (ICE-8134)

3.0.4.1 Conditions This condition affects channels that are utilizing IGMP multicast on a Windows PC where the underlying network interface does not support multicast traffic. The system should display a warning indicating that the channel is disconnected, but does not.

3.0.4.2 Workaround Administrators intending to use IGMP multicast for channel communications should assure that the device selection made under Settings, General, Network Interface supports multicast.

This document describes changes introduced between build af78bf8 to 7f6d495.