ON SIGHT

RELEASE NOTES

Onsight Connect for Android
Software Version 8.1

May 2017

LIBRESTREAM

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Document Revision

Librestream

Onsight Connect for Android Release Notes

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Name of Librestream Software Onsight Connect

Patents Notice: United States Patent # 7,221,386, together with additional patents pending in Canada, the United States and other countries, all of which are in the name of Librestream Technologies Inc.

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Overview

This document includes the Onsight Connect for Android software release notes for Major Revision number 7 including a description of new features, resolved issues and a list of Known Issues.

All releases of Onsight Connect software have been validated with their concurrent release of Onsight software products and are compatible with the previous revision of all Onsight products.

The Onsight operations-driven video collaboration system provides interactive video, audio, images and telestration to immediately connect remote teams, suppliers and customers. Using Onsight Connect, teams can collaborate fully across distant locations to quickly solve problems, monitor projects and improve overall communication.

Software Installation

To install the Onsight Connect for Android software, go to http://www.librestream.com/Software/OnsightConnectforAndroid.html or Google Play. The Onsight Connect App is available for download at no charge. A valid Onsight user license is required to login and operate the application.

Required Equipment

Onsight Connect for Android
Onsight Connect for Android requires smartphones running Android v4.1 (Jelly Bean) or higher.

Software Release Notes for Version 8.1.12

New Features

Single Sign-On (SAML v2.0) Support
Onsight Connect for Android now supports SSO SAML v2.0.

Client Policy
Expanded support for control of all endpoint settings through Client Policy including Bandwidth related settings such as Media Configuration, Audio Efficiency, and Audio Codecs.

Client Permissions
Expanded control of user permissions for all endpoint settings through Client Permissions. Permissions are now managed as part of group membership; the 'Client Endpoint Administrator' setting has been deprecated.

Onsight Platform Manager – On-Premises Support
Onsight client support for OPM-On-Premises installations. Clients are managed by enterprise hosted OPM-On-Premises servers.

Remember Me – Auto-login
Onsight Connect users can now select the option of saving their login credentials and enabling auto-login by selecting Remember Me on the login screen.

Touch Tone Keypad
Onsight Connect endpoints can now participate in conference bridge calls that require you to enter a Conference ID. The TOUCH TONE KEYPAD provides DTMF tones allowing you to enter the code and join the conference bridge. The keypad is accessible on the Connection Status panel during a call.

Multiple File select for Email
Onsight Connect for Android now allows multiple files to be selected as attachments on emails.

Auto-Answer
Onsight Connect for Android now includes the auto-answer feature.

Changes and Improvements since Previous Version

- Enhancement Request #13199: Client Policy value added for Viewfinder Fit/Fill option when streaming video.
- Fixed #11919: MPEG video is not supported; however, a User Warning is now displayed when connected to an MPEG video endpoint. E.g. Onsight 2000/1000 Smart cameras.
- Fixed #13308: SIP DNS failure prevents SIP registration over TeamLink.
- Fixed #13509: LG-G2 device compatibility with the Hub.
- Various bug fixes and improvements.

Software Release Notes for Version 8.0.8

New Features

Redesigned User Interface
Onsight Connect for Android includes updates to the user interface to provide increased simplicity of operation on Android devices.

HD Resolution Support
Onsight Connect for Android now supports HD Resolutions including 720p and 1080p at 30 fps. Two new default HD media profiles are included: 720p@10fps, 1 Mbps and 1080p@10fps, 1.5 Mbps. Custom HD media profiles can also be created.
Note: HD video calls through TeamLink are limited to 2.5Mbps.

Onsight Collaboration Hub Support
Onsight Connect for Android is now compatible with the Onsight Collaboration Hub. Connect your Android smartphone to the Collaboration Hub to stream 3rd Party video sources over an Onsight connection.

Improved Audio Latency Support for BGAN Satellite
Onsight Connect for Android includes improved Audio latency support for BGAN satellite connections.

Changes and Improvements since Previous Version

- Various bug fixes and improvements.

Software Release Notes for Version 7.1.5

Changes and Improvements since Previous Version

- Fixed #12653: Audio track buffer size calculation altered to avoid audio stuttering heard on a small sample of Android devices.

Software Release Notes for Version 7.1.4

Changes and Improvements since Previous Version

- Updated gSoap to v2.8.27.
- Updated OpenSSL v1.0.1s
- Various minor bug fixes and improvements.
- Fixed #12021: local snapshots no longer fail after a initiating a remote snapshot with privacy enabled.

Software Release Notes for Version 7.0.21

Changes and Improvements since Previous Version

- Various minor user interface fixes and improvements.
- Fixed Ref #11548: Bandwidth Control Client Policy is now correctly applied before a call.

Software Release Notes for Version 7.0.10

New Features

Full Support for Expert Mode
Onsight Connect for Android now includes Expert mode, administrators can now choose which user interface best fits groups of users. Depending on the mode chosen, a user will see either the Expert mode (default) or Field mode after they log into Onsight Connect from their smartphone or Android tablet.

- Expert mode allows users to access all the features of Onsight Connect. This view is the only option for Windows-based devices and is recommended for all subject matter experts or power users to allow them to remotely control camera functions, access files, settings, and other advanced features.
- Field mode provides a very simplified user interface with limited features to reduce training and knowledge requirements, typically for the field worker or customer. While in Field mode, the user can make and receive calls, telestrate, and access system health. All other capabilities such as media configurations, camera zoom, image capture, etc. would be controlled by the remote expert as described above.

Changes and Improvements since Previous Version

- Expert Mode Release.
  - Full Onsight Connect feature support bringing Onsight Connect for Android on par with all other Onsight endpoints.
  - HD resolutions (1080p, 720p) are not supported. Unsupported HD resolutions are greyed out when viewing Audio/Video Status.
- Updated to OpenSSL 1.0.1q
- Onsight Connect for Android now supports TLS v1.2.
  - Note: TLS 1.0 and TLS 1.1 are deprecated but are still supported.
- Fixed #11655: Fixed loading of large images and sharing.
- Fixed #11887: 'MB' image size shown as 'Mbps' in image properties
- Fixed #11856: Prevent image properties panel from going off screen on smaller devices
- Fixed #11810: Fixed issues with thumbnail and display image caching.
- Fixed #11811: Thumbnails removed properly when deleted.
- Fixed #11830 & #11847: Fixed bugs causing decoded video to appear squished or stop on a resolution change
- Fixed #11811: Thumbnail not removed from Files viewer when deleting image
- Fixed #11793: Fixed bandwidth test results popup.
- Fixed #11811: Thumbnail is now removed when thumbnail is deleted.
- Fixed #11835: change state of playStreamButton when freeze state changes
- Fixed #11770: Save call history whenever changes to call history path occur in order to retain images/recordings if app crashes before call ends or logout occurs
- Fixed #11715: Improved pinch-and-zoom by panning to center of focused area, and tying zoom factor to scale factor of gesture.
- Fixed #11793: Fixed bandwidth test results popup.

Known Issues

#13160: Recording/Streaming 720p/1080p video at >10 fps may appear to stutter. Librestream recommends not exceeding 10fps for these resolutions.
#13473: Some older Android smartphones don't support or have limited OpenGL features, telestration may not appear as smooth on these devices. E.g. XT925 and Samsung S3.
#11188: HTC One devices may occasionally freeze the video when streaming in low light. To fix stop and restart the video stream.
#10803: SIP-TCP is not supported by all Android Phones. Support is dependent on whether the phone has included fixes to the common kernel code in v3.10. If SIP-TCP does not work on your Android Phone the work around is to use SIP-TLS as the transport. Note: that it is always more secure to use SIP-TLS as the transport to protect the encryption key exchange between SIP endpoints when using media encryption.

For More Information

If you need Release Notes for an earlier version, please contact Librestream at support@librestream.com.