



RELEASE NOTES

Onsight Connect for Android
Software Version 9.1.18

Table of Contents

Overview	5
Software Installation	5
Required Equipment.....	5
Software Release Notes for Version 9.1.18	6
New Features	6
Changes and Improvements since Previous Version	6
Software Release Notes for Version 9.0.12	6
Improvements	6
Changes and Improvements since Previous Version	7
Software Release Notes for Version 9.0.9	7
New Features	7
Changes and Improvements since Previous Version	7
Software Release Notes for Version 8.2.4	7
New Features	7
Changes and Improvements since Previous Version	8
Software Release Notes for Version 8.1.12	8
New Features	8
Changes and Improvements since Previous Version	8
Software Release Notes for Version 8.0.8	9
New Features	9
Changes and Improvements since Previous Version	9
Software Release Notes for Version 7.1.5	9
Changes and Improvements since Previous Version	9
Software Release Notes for Version 7.1.4	10
Changes and Improvements since Previous Version	10

Software Release Notes for Version 7.0.21	10
Changes and Improvements since Previous Version	10
Software Release Notes for Version 7.0.10	10
New Features	10
Changes and Improvements since Previous Version	10
Known Issues	12
For More Information	12

Document Revision

Librestream

OnSight Connect for Android Release Notes

Doc #: 400256-09

September 2018

Information in this document is subject to change without notice.

Reproduction in any manner whatsoever without the written permission of Librestream is strictly forbidden.

Copyright © 2006–2018 Librestream Technologies, Incorporated.

All rights reserved.

Name of Librestream Software OnSight Connect

Copyright Notice: Copyright 2004–2018 Librestream Technologies Incorporated. All Rights Reserved.

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.

Trademark Notice: Librestream, the Librestream logo, OnSight, OnSight Connect, OnSight Mobile, OnSight Enterprise, OnSight License Manager, OnSight TeamLink, OnSight Platform Manager and OnSight Workspace are either registered trademarks or trademarks of Librestream Technologies Incorporated in Canada, the United States and/or other countries. All other trademarks are the property of their respective owners.

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 OnSight Connect for Android software, go to <https://librestream.com/onsight-support/> 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 v4.4 (Jelly Bean) or higher.

OnSight Connect for Android *with the Cube* requires smartphones running Android v.5.1 (Lollipop) or higher.

Software Release Notes for Version 9.1.18

New Features

High Resolution Image Capture and Sharing

High Resolution Images can now be captured and shared on OnSight Clients. **Image Capture Resolution** determines the maximum resolution at which images are captured when using OnSight Connect. High-res images may also be shared from the Camera Roll or Gallery of your smart phone at the native resolution it was captured.

Copy Captured Images to Gallery

OnSight endpoints can now automatically copy captured images to a smartphone's Gallery for easy integration with other work processes.

OnSight Cube Support

OC for Android now supports the OnSight Cube. Android devices must be running OS v5.1 or higher in order to pair with the Cube. The Cube uses Wifi-Direct to act as the network to stream Cube video to your smart phone, it also supports Wifi-Infrastructure.

Files – Shared Images

When in a call, the currently shared image is highlighted when viewing the Files tab. This allows you to easily identify the currently shared image when searching for other images.

Changes and Improvements since Previous Version

- #16358: The Viewfinder 'Tap to Pause video' feature has been removed from all OnSight endpoints to simply the Viewfinder compatibility with Telestration, Dimensioning and Cube Thermal features. The Play/Pause button remains located beside the 'On' share button in the Viewfinder.
- #16352: Dial string hint added for SMS invites, "+ country code – area code – phone number". When dialing outside of the default location for the SMS service users must enter the dial string according to the recipient's location. E.g. when dialing outside of your country, include: + country code – area code – phone number.
- #15938: Telestration is now saved correctly on Shared Images when call ends.
- #15596: Push Notifications are enabled by default. When disabled this will trigger a popup requesting the User to enable Ignore Battery Optimizations. If a user chooses not to enable Ignore Battery Optimizations, they will not receive notifications when the device is in Doze mode. This means they will not receive incoming call notifications when the app is in the background.
- #15815: Bandwidth Adaptive Streaming algorithm improvements to address packet loss in mobile networks.
- #15754: Shared images are automatically updated with telestration during a call. Previous versions updated telestration when the call ended.
- #15421: Auto-answer is now supported on OC for Android. OPM client policy controls Auto-answer.
- #15167: Offline mode login time improved when connected to a Wireless network that is not internet connected.
- #12059: When capturing images, if Flash is set to Off and Illumination is On, Illumination will remain On while the image is captured.
- Various bug fixes and improvements.

Software Release Notes for Version 9.0.12

Improvements

Call Connectivity Improvements

Call connectivity improvements include sip registration, network interface status detection, firewall detect testing, audio quality.

Force Media Relay

An increasing number of networks are blocking *peer to peer* traffic including Onsight media. To mitigate this development, we are introducing a new setting called **Force Media Relay**. This option allows you to always routes Onsight Media (voice, video, and data) through the Librestream Media Servers. New Customers will default to **Force Media Relay – enabled**. Existing Customers settings will be set to **Force Media Relay – disabled** (This allows *peer to peer* traffic between clients on the same network); OPM Admins can control **Force Media Relay** via Client Policy.

Changes and Improvements since Previous Version

- Fixed #15590: SIP Re-registration takes too long after Cellular network interface re-establishes connection.
- Fixed #15609: HTTP is no longer provided as a TeamLink connection method on Onsight Clients. OPM and TeamLink servers will still support HTTP for backwards compatibility.
- Various bug fixes and improvements.

Software Release Notes for Version 9.0.9

New Features

Onsight Workspace

Onsight Workspace service for users to securely share Onsight Connect images, recordings, and external content such as PDF files with team members.

Telestration Tools Improved

New telestration tools added including, Undo, Erase, Freehand, Square, Line, Arrow, Circle and Text Box.

Push Notifications

Push Notifications can now be used to detect incoming calls while the application is in the background. Controlled by Group Client Policy.

Changes and Improvements since Previous Version

- Fixed #15406: Samsung Galaxy A5, fixes Onsight failure to launch.
- Fixed #15346: Samsung Galaxy Tablet video streaming specific issues resolved.
- Fixed #15313: LG G5, thumbnail not correctly captured for Onsight recordings.
- Fixed #15301: Call Continuity – Onsight calls were being prevented if already in a cell call.
- Fixed #15262: Locale Independent Language support expanded (including Thai), fixes Onsight failure to launch.
- Fixed #15257: Front facing camera was using mirror image.
- Various bug fixes and improvements.

Software Release Notes for Version 8.2.4

New Features

Dimensioning

Onsight Connect for Android, when connected to a 5000HD, can enable dimensioning data during a call. When Dimensioning data is enabled the data can be viewed in live video, still images and recordings. The Onsight 5000HD must be running a minimum of v8.2.

The OnSight 5000HD provides laser-based dimensioning of assets with three measurement display options including a grid, axis or ruler tool.

Changes and Improvements since Previous Version

- Fixed #13756: Automatically turn off illumination at the end of a call.
- Fixed #13755: Automatically clear telestration at the end of a call.
- Fixed #13605: Allow zoom when live stream is paused.
- Various bug fixes and improvements.

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 play Stream Button 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

#16913: Email body text must be added to an email when sending images or recordings as attachments. Blank body text may result in the failure to attach the files to the email.
#16908: Call Continuity does not work on some Android v6.0.1 (Marshmallow) devices.
#16788: Recorded video is choppy on Galaxy Note 4 with Android v6.0.1 (Marshmallow).
#16580: High resolution images embedded in Onsight recordings will not be played back, the low-res version of the image will be displayed. Telestration may be offset in the low-res version.
#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.