



onsight sip service

The Onsite mobile collaboration system uses Session Initiation Protocol (SIP) to provide secure communication between the Onsite mobile device operator and the Onsite Expert desktop. SIP is a signaling protocol used for establishing sessions in an IP network.

Not all customers want to set-up, configure and manage their own internal secure SIP infrastructure. For these customers, Librestream offers a reliable and secure Onsite SIP Service. Built on a solid infrastructure, the SIP service back-end provides secure media transmission, a fully redundant server environment, and monthly usage reports. More importantly, the SIP service provides a way to **immediately begin collaborating with Onsite.**

Full Security

The Onsite SIP Service infrastructure features ICSA certified firewall traversal equipment. Onsite devices and Onsite Expert users must register to the Onsite SIP server to be authorized to use its services. Users must have a valid login

ID to connect and you have the option of enabling SIP-TLS to encrypt the SIP messaging for further security. If the SIP-TLS option is chosen, a certificate provided by Librestream must be installed.

High Reliability

The Onsite SIP Service includes full equipment redundancy and automated failover capabilities to provide a highly reliable infrastructure. In addition, the IP backbone is monitored to ensure bandwidth availability with a predictable cost structure.

Managed for You

Librestream provides a fully managed service for you. The initial set-up and ongoing maintenance is taken care of by experienced Onsite engineers. Your administrator only needs to manage your internal list of SIP addresses (URIs) and open a restricted set of firewall ports to allow communication with the Onsite SIP server. Librestream can also provide your administrator with access to usage reports to manage your service plan most efficiently.

Onsight SIP Service Packages

There is an initial set-up component to the Onsight SIP Service as well as two monthly usage options for you to choose. Your plans can grow with you anytime, as monthly usage pricing is based on the number of users.

Initial set-up services include:

- Set-up and configuration of your company's private SIP addresses (URIs)
- Technical support to assist your IT department with any firewall related issues
- Configuration of data usage notification for internal administrators

Ongoing Monthly Services (based on number of URI's – minimum of 2 required):

- One URI is required for each Onsight Device
- One URI is required for each Onsight Expert
- Access to the Onsight SIP Service
- Full media transmission service including video, images, audio and telestration
- A variety of monthly data transfer plans available

Detailed Specifications

Signaling	SIP (RFC3261 Standard)
Delivery of Media	RTP, RTCP
Transport Protocols	TCP, UDP
Security*	Data Encryption SIP-TLS
SIP addresses	URI Format
Media Encryption	AES
Remote NAT Traversal	Yes
Firewall Traversal	Yes
User Accounts	Yes
Administration	Managed by Librestream

*Data encryption and SIP-TLS are optional security features configurable on Onsight mobile devices and Onsight Expert applications. SIP-TLS requires the SIP Server Certificate to be installed on the Onsight mobile devices and Onsight Expert applications.



Librestream

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