The Problem

Augmented Reality and Virtual Reality(AR/VR) experiences have traditionally been limited to a single person perspective, but AR/VR companies are looking for new ways to engage their user base through collaborative multi-party sessions. Existing voice and video servers on the market today are unable to provide a reliable way to transmit coordinates, mesh data, depth, color, and metadata that developers require when building a more immersive experience for their users.

The Solution

With LiveSwitch, AR/VR developers can build **voice, video, and text chat** capabilities into their application creating rich social experiences that will keep their customers coming back for more. Capable of secure data transfer of any information including **coordinates, mesh data (MPEG-4 FBA), depth, color, and metadata**, LiveSwitch makes developing engaging multi-party AR/VR applications more accessible than ever.

Benefits

LiveSwitch allows you to easily add voice and video enabling you to build the true-to-life, shared experience that you want.

LiveSwitch is easily extensible to securely transfer coordinates, mesh data (MPEG-4 FBA), depth, color, and metadata.

LiveSwitch offers extensive cross platform support (including Unity and UWP) so that you can support whatever platforms you could possibly need.

LiveSwitch lowers the barrier to adding audio and video to your application by supporting license free, low-latency codecs such as VP8/VP9 and OPUS.

TRY LIVESWITCH FREE! DOWNLOAD YOUR FREE TRIAL TODAY!

frozenmountain.com
1-888-379-6686

Augmented Reality
Share expert knowledge with LiveSwitch

1

Access service manuals handsfree
Your data - anywhere, anytime

2

Call an expert
Trigger a remote video call

3

Increase productivity
Remote expert sees what the technician sees
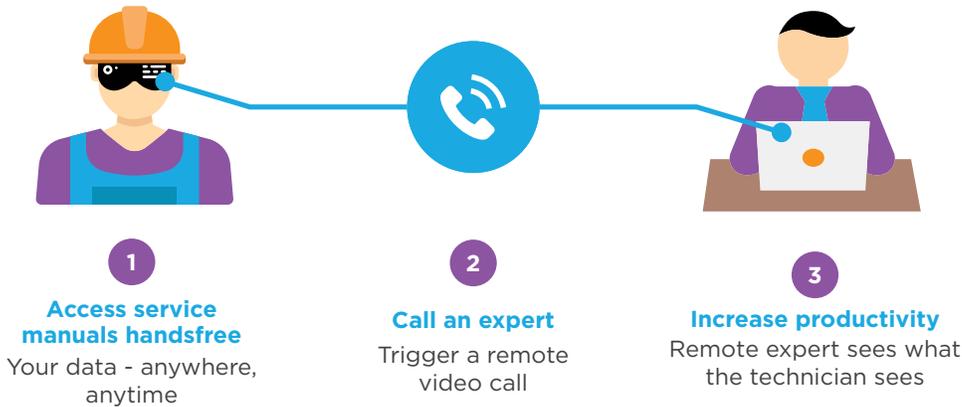
Virtual Reality
Overcome distances with LiveSwitch

1

Share live audio
Talk to your friends in real-time

2

Connect across the globe
Two locations, one experience

3

Transfer relative coordinates
See what they see
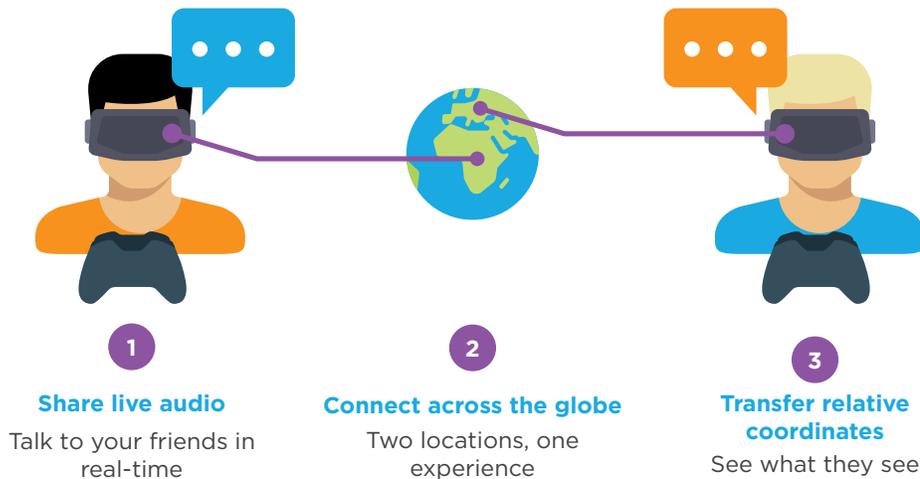
How It Works
LiveSwitch creates a voice/video connection between two parties and enables a seamless transfer of data, allowing remote participants to connect visually and share experiences across distances.

Benefits
- Easily add live voice and video to new or existing AR and/or smartglasses applications.
- Access and utilize digital assets hands-freee
- Secure data transfer
- Supports license free, low-latency codecs such as VP8/VP9 and OPUS

How It Works
By integrating LiveSwitch into your platform, you can share live audio and data between remotely connected parties, creating an enhanced social experience for all users.

Benefits
- Transmit spatial live audio between all connected parties
- Securely send coordinates, mesh data, depth, color, and metadata
- Create an immersive multi-party experience

The WebRTC Solution that Plays Nice with Everyone

FIREFOX   WINDOWS   APPLE   MAC   HOLOLENS   JAVA   XAMARIN   ANDROID   SAFARI   CHROME   EXPLORER