

# WIRELESS SURVEILLANCE EDGEVIS CLIENT

## SECURE REAL-TIME VIDEO STREAMED TO IOS, ANDROID AND WINDOWS PC

EdgeVis Client allows anyone with a modern iOS or Android-based handset or Windows PC device to access secure real-time video from the world's leading surveillance platform over limited bandwidth networks. It provides a reliable and data-efficient way of viewing video and audio streams and GPS meta-data available on an EdgeVis Server, even from remote or mobile locations where communications are limited. This allows users to share a common operating picture as well as move easily between a mobile and desktop experience.

### Not all video encoders are created equal

EdgeVis Live, powered by TVI technology, is a world-class surveillance solution for secure remote viewing of video over very low or variable bandwidth networks. In comparison to other wireless video technologies, such as MPEG compression, TVI provides a higher quality, lower latency, and resilient approach to real-time video and audio transmission.

MPEG and H.264 solutions rely on standard compression techniques that can result in reduced frame rates, frame skipping, difference coding, and high latency. In contrast, by combining a proprietary codec with an adaptive and more efficient approach to managing the communications channel, TVI maintains a fixed frame rate and delivers lower latency video over limited bandwidths.

### Providing new operational possibilities and options

EdgeVis Client can be used on Windows PCs as well as standard Android or iOS mobile devices, to receive multiple video streams simultaneously, providing real-time operational awareness.

EdgeVis Client allows field operatives on standard Android or iOS mobile devices to pan, tilt and zoom into an ongoing incident from surveillance equipment deployed on covert or tactical operations.

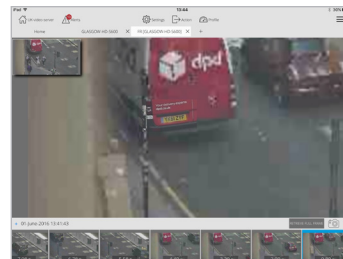
Video can also be accessed from incident-response vehicles or someone using the EdgeVis Mobile Encoder app and camera on a mobile handset.

In fact, TVI can be used to reduce the bandwidth required to transmit surveillance data over any network – providing more efficient use of fixed and satellite links.

Just as importantly, multiple users in fixed locations or on the move can use EdgeVis Client to share a common operating picture.

### Key features

- High-quality, low latency real-time video and audio at bandwidths as low as 9Kbps
- View video and audio streams from multiple video encoders
- Built-in mapping showing live position of all encoders
- Highly efficient real-time surveillance available to multiple users simultaneously
- Full resolution retrieval capability (pictured below)



- Full remote pan, tilt, zoom control (both physical and virtual)
- Ability to review and download edge recordings
- Easily configure encoder bandwidths and quality settings remotely
- Multiple-platform support (Windows, iOS and Android), offering same user experience on all three platforms
- Alarm notifications from EdgeVis Server when alarm rules are triggered
- Supports AES 256 encryption

### Operational domains

EdgeVis Client is ideally suited to mission-critical surveillance by law enforcement, border security, and defence organizations, as well as emergency responders, transportation agencies, commercial security/communications services providers:

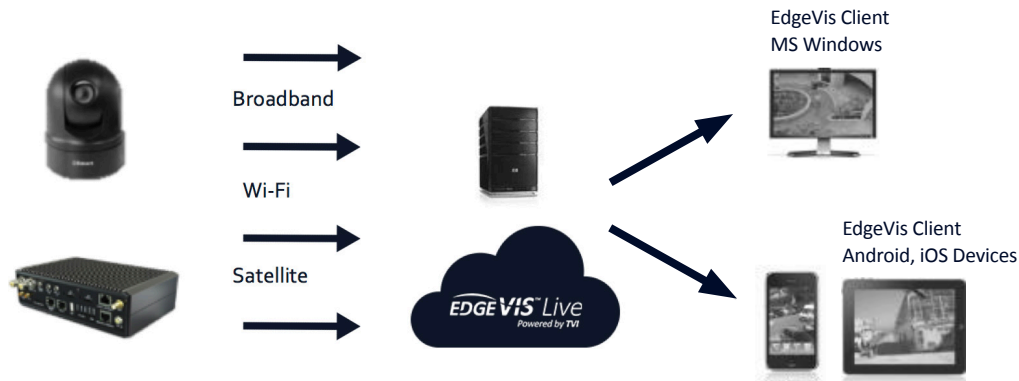
- Covert, tactical surveillance
- Border/maritime monitoring
- Force protection
- Rapidly deployable urban surveillance

# TECHNICAL SPECIFICATIONS EDGEVIS CLIENT

EdgeVis Live is designed to overcome the typical challenges involved in distributing real-time video in low or variable bandwidth environments e.g. cellular networks.

Multiple EdgeVis Client apps can be deployed to receive real-time video from mobile devices over cellular networks.

Multiple users are able to view these streams simultaneously in control rooms and on wireless devices.



## EdgeVis Client system requirements

### Android OS

Devices: Phones and tablets with a dual core processor or better  
Android OS: Android 4.3+ (Jelly Bean) with Google Play Services installed

Security: AES 256 encryption

### iOS

Devices: Apple iPhone 4S+  
iPad 2+  
iPad Mini  
iPad Air+  
iPad Pro  
iOS 8 and above

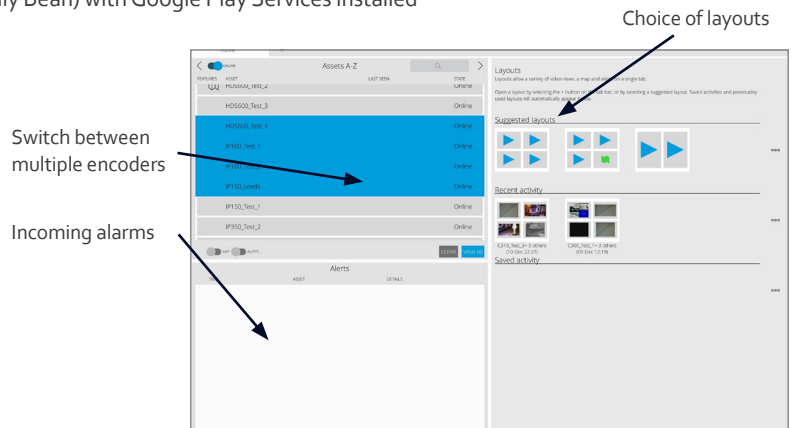
Security: AES 256 encryption

### Windows

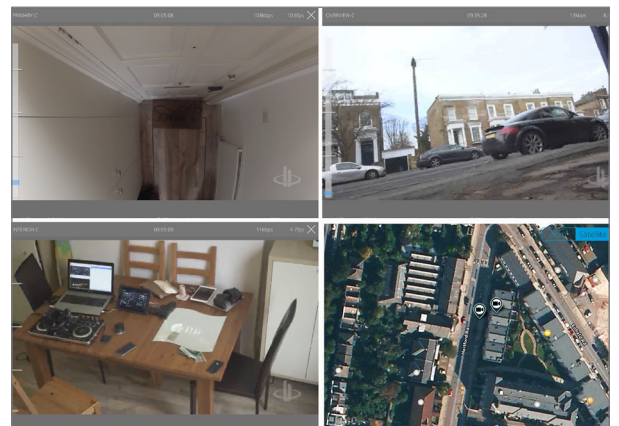
Version: Windows Vista (or newer), 32 or 64 bit  
CPU: Intel i3/i5/i7 recommended  
RAM: 4GB recommended  
Resolution: 1366 x 768 or better  
Security: AES 256 encryption

Both mobile apps are available from the device's respective store (Apple App Store or Google Play Store) as free downloads.

Products featuring EdgeVis Live feature the TVI marquee and are available from Digital Barriers and key technology partners.



EdgeVis Client Home screen



EdgeVis Client Video Panel

