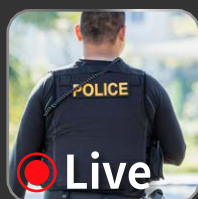


Realtime Mobility Camera



Realtime Video Streaming
(Plug-in/RTMP/WebRTC)



GPS Tracking



Push to Talk

What is LiveEdge+®?

LiveEdge is a realtime video solution with an integrated edge computing server. Unlike traditional body worn cameras that only allow playback after the fact, its built-in LTE module keeps LiveEdge connected, streaming on-site footage to the operation center when an incident occurs—keeping situational awareness intact, wherever you are. Its software architecture comprises five components forming a complete closed loop: video capture, communication response, location tracking, digital evidence, and command dispatch.

Vision handles video sourcing. Deployed as an edge-side app on body worn cameras, dashcams, or mobile devices, it turns any edge camera into a low-latency stream directly accessible by enterprise VMS. It normally records locally; SOS trigger mode uploads the stream on emergency button press.

Call handles communication response. A carrier-grade SIP engine and WebRTC gateway establish two-way calls in under 2 seconds, support multi-party conferences, and integrate with existing customer SIP equipment—giving on-site personnel immediate support in emergencies.

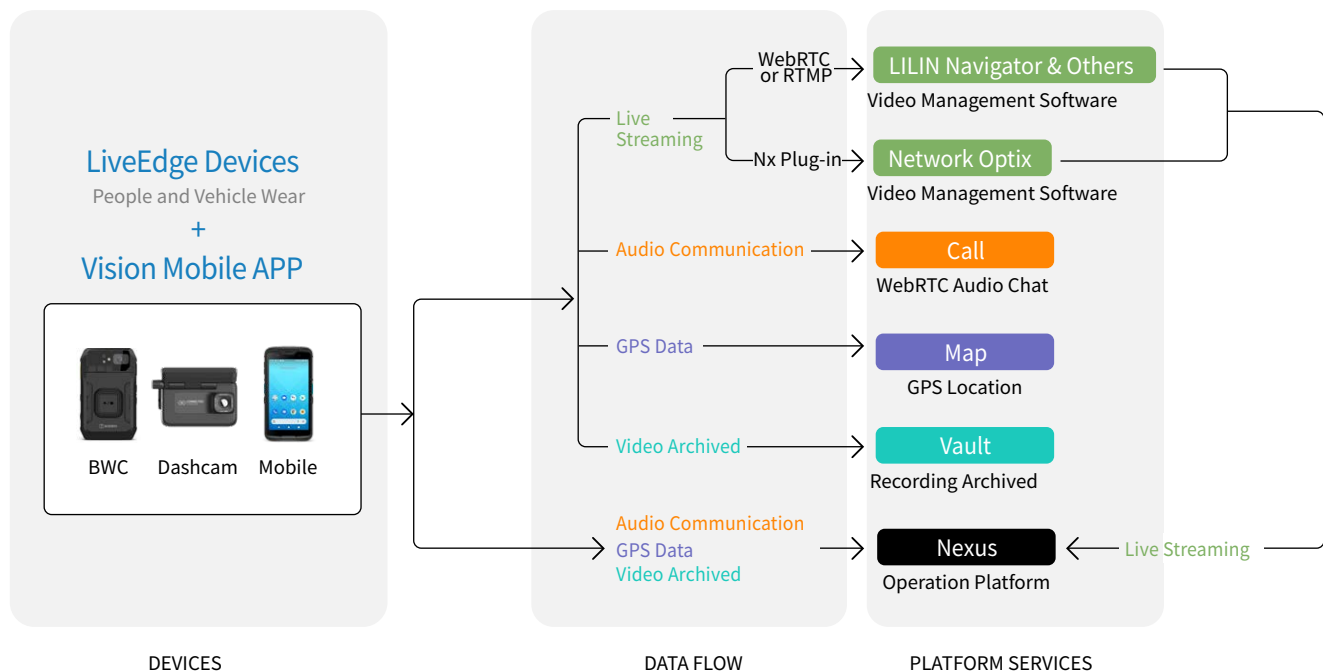
Map handles location tracking. It plots GPS, AGPS, and Glonass data from every device on a unified map in real time, giving the operation center full visibility of position and movement.

Vault handles digital evidence. AES-256 encryption and tamper-proof audit logs manage every recording as a retrievable, auditable asset, with export to NAS, FTP, Network Optix, and more, plus full chain of custody from the first frame.

Nexus handles command dispatch. It integrates the core functions of Call, Map, and Vault into one product—paired with Vision, it delivers a complete dispatch solution with no other software required, cutting average response time by up to 40%.

Together, these five components make LiveEdge more than a camera: a complete operational solution covering on-site video, communication, location, evidence, and command.

Architecture



Features



Nexus

The All-in-One Command Center

Video, map, communication, and evidence in a single interface—response time cut by 40%



Call

Realtime Communication 2-Second Call Setup

Two-way voice, multi-party conferencing, integrates with existing SIP



Map

Realtime Location & Track Playback

All-device GPS plotted on map in real time, playback supported, SOS auto-locates the site



Vault

Digital Evidence Complete Chain of Custody

Locked from the first frame, end-to-end chain of custody, video with legal evidential weight

Core Features

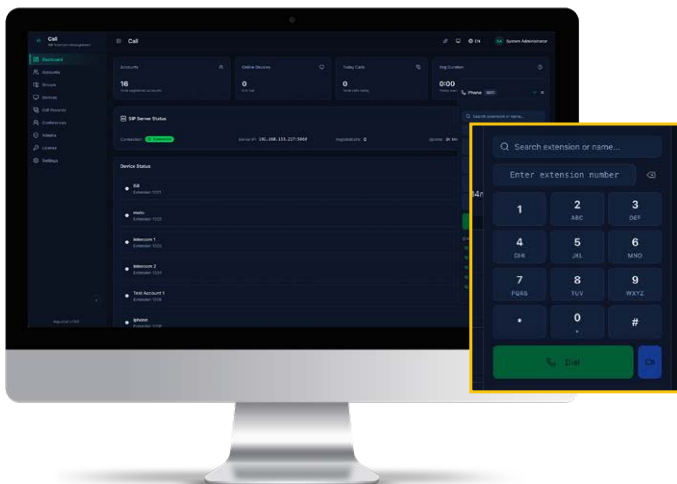


LiveEdge - **Vision**

Edge-Side App · Video Source Component

Vision is the edge-side app of the LiveEdge ecosystem. It can be installed on body worn cameras, dashcams, and mobile devices, turning any edge camera into a video source that enterprise VMS can access directly. It delivers high-resolution low-latency streaming and supports SOS trigger mode—local recording during normal operation, with stream upload kicking in once the emergency button is pressed.

- App-form deployment; supports BWC, Dashcam, and Mobile Phone
- Integrates with Network Optix, LILIN Navigator, and third-party VMS (RTMP/WebRTC)
- SOS buffering with auto-reconnect; resumes automatically after network drops

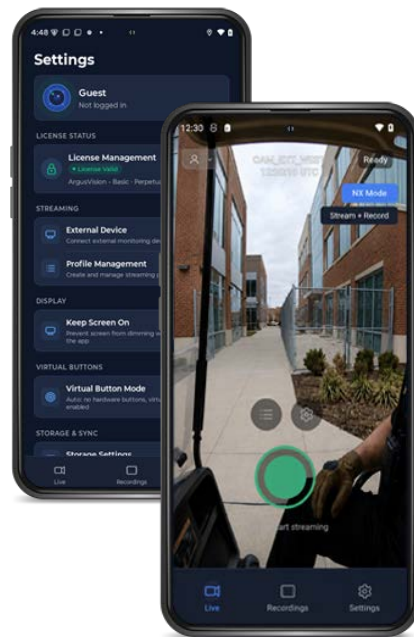


LiveEdge - **Map**

Situational Map & Positioning Component

Map is the positioning component of the LiveEdge ecosystem. It receives GPS data from Vision and consolidates the real-time locations of all field devices onto a single map interface. With multi-source GPS positioning, the operation center can monitor the live positions and movement trails of personnel and vehicles, with full support for historical track playback. Map also integrates fixed cameras from various brands (NVR/IPCAM), bringing mobile devices and fixed surveillance into the same view to form a complete on-site situational picture.

- A single map consolidating real-time coordinates from all BWC, Dashcam, and Mobile devices
- GPS positioning with movement tracking and historical playback
- Integrates fixed cameras from various brands (NVR/IPCAM) for unified management of mobile and fixed surveillance

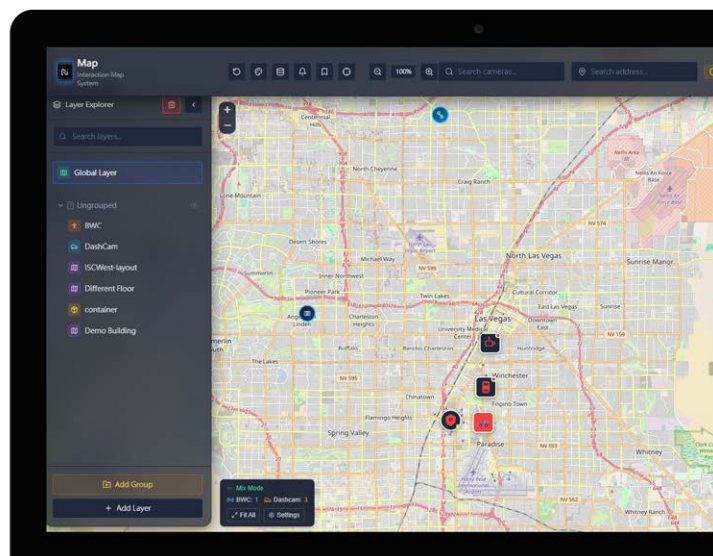


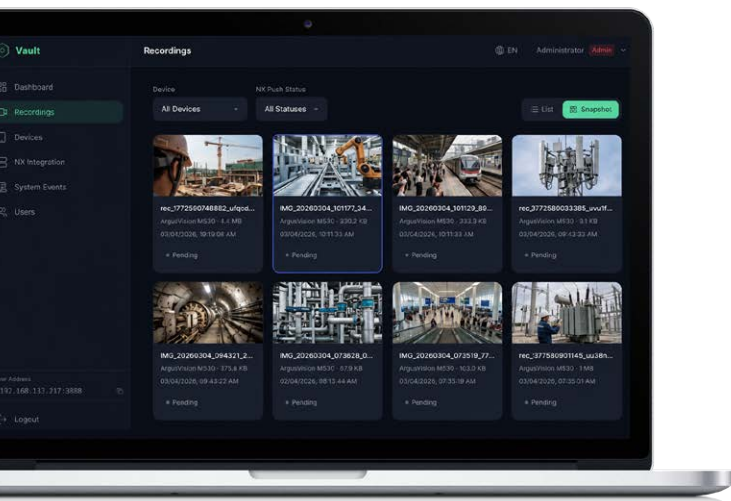
LiveEdge - **Call**

Communication & Emergency Response Component

Call is the voice communication backbone of the LiveEdge ecosystem. With a carrier-grade SIP engine paired with a WebRTC gateway, calls are established within 2 seconds, letting backend dispatchers communicate two-way with field devices directly through a browser—ensuring emergencies get immediate human support.

- SIP server + WebRTC gateway; two-way audio established in under 2 seconds
- Multi-party conference room support; backend web client can call field devices both ways
- Integrates with existing customer SIP equipment into a unified communication architecture





LiveEdge - Vault

Digital Evidence Management Component

Vault is the storage core of the LiveEdge ecosystem. It receives video and event data from Vision or Nexus, serving as the evidence backbone for LiveEdge deployments running the Vision App. Using AES-256 encryption and tamper-proof audit logs, every recording is systematically managed as a retrievable, auditable digital asset, maintaining a complete chain of custody from the very first frame.

- AES-256 encryption + tamper-proof audit logs; full chain of custody maintained end-to-end
- Case file creation: integrates video, audio, photos, and documents with advanced search
- Supports export to external storage endpoints: NAS, FTP, Network Optix, and more



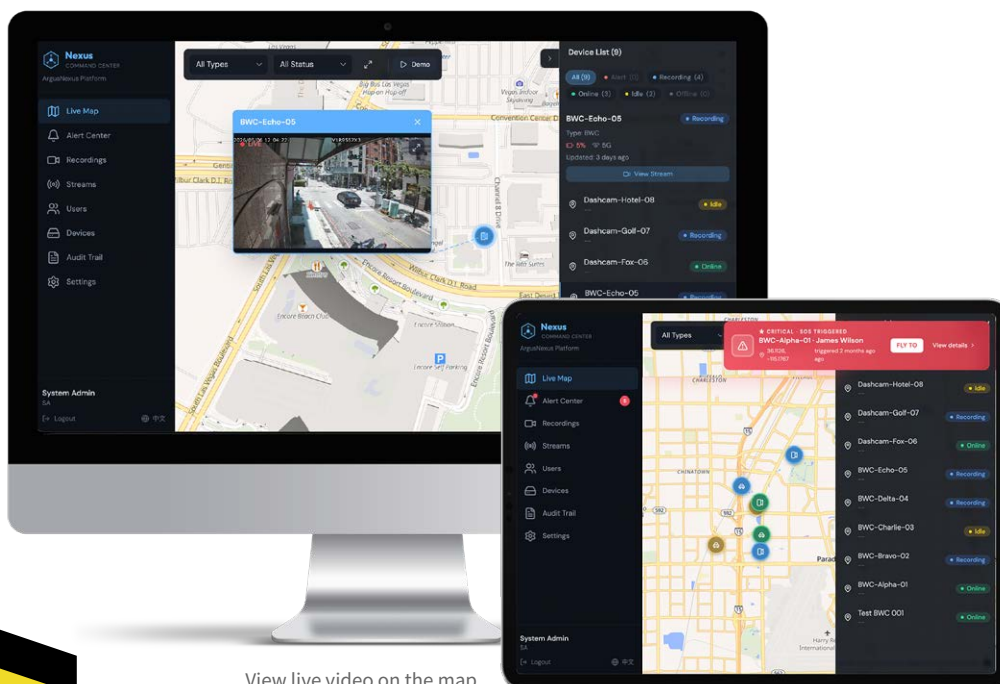
LiveEdge - Nexus

The All-in-One Command Application



Nexus is the all-in-one command application of the LiveEdge ecosystem. While Call, Vault, and Map exist as standalone software, Nexus builds the key functions of all three into a single product. Paired with Vision, it delivers a complete command and dispatch solution—no other software required.

- Built-in video wall, map situational awareness, two-way voice, and evidence retrieval—no add-on software needed
- SOS auto-populates video; one-click dispatch; response time cut by up to 40%
- Hybrid deployment architecture, suited to organizations of any size



View live video on the map

Call incoming

APPLICATIONS

Construction Site

Remote Supervision

Supervisors can stay informed of on-site conditions at any time and initiate voice conversations via LiveEdge+ to address crisis situations in real-time.

Temporary or Short Term Setup

Setting up Wi-Fi is often restricted by site conditions, but LiveEdge+ can be easily configured by using LTE signals, overcoming terrain restrictions.



On-the-Go Recording & Real-time Video Streaming

Patrol records are now preserved in visual format to prevent potential disputes. During emergencies, the operation center can instantly review video recordings, gaining insight into the on-site situation.

Support for SIP Client Multi-party Communication

In case of emergencies, use the SOS button or Push to Talk key to communicate with other LiveEdge+ users and quickly connect with the operation center for assistance.



Security /Law Enforcement

Contractor Tracking

In cases where construction sites are scattered about, it can be challenging to track each and every location and progress of contractors. With LiveEdge+, the construction process can be quickly setup to be recorded in its entirety, ensuring the quality of the construction work.

Heavy Machinery Tracking

When fitted with LiveEdge+, heavy machinery locations are easily visible, and comprehensive video recordings of the equipment's operation are backed up, leading to enhanced safety for construction projects.

Industrial Park



Product Spec

Video and Audio	
Camera	Main Cam: 5 MP Sub Cam: 2 MP
Video Resolution	1080p/720p
Audio	Built-in speaker and microphone (Front microphone, Bottom noise reduction microphone)
System	
Platform	Android 12 / Linux Debian (Bundle with Network Optix ARM version server inside) MTK6769 3GB RAM Up to 512GB storage (Depends on SD Card) 4G Network Connectivity
Communication	802.11b/g/n/ac,AP/Station Mode GPS+AGPS+Glonass Bluetooth 4.0,compatible with Bluetooth 4.1
Battery	Replaceable 3200 MAH
Display	TFT 3.1 inch touch screen
Indicators	LED, Speaker
Interface	TYPE-C ,USB2.0
Dimension	100 mm *60 mm *26mm Weight 130g
Protection Grade	IP68
Viewing Angle	145°
Environmental	
Operating Temperature	- 20°C ~ + 60°C
Working Time	≥10 Hours(turn on recording)
Charging Time	3 Hours
2 Batteries/Charging Station /USB Charging Cable /Charger	
Accessories (Bundle With)	
Long Clip /Short Clip	
	
Belt Clip	
Accessories (Optional)	
Magnetic Mount	
	
Agent/Reseller	
Headquarters	