

Augmented Vision

Video analytics for a safer environment

Augmented Vision (AV) is a video analytics solution that helps survey and protect buildings, infrastructure, and areas of interest by making sense of all available data. It employs the best of IDEMIA's technologies to provide comprehensive security and awareness.

An immense volume of videos and images exist today due to the prevalence of Closed Circuit Television (CCTV) streams, smartphones, and more. Augmented Vision protects areas of interest in **real time**, preventing security incidents in highly frequented secured areas, bases, and governmental spaces through the use of frictionless access to restricted areas for authorized personnel, while protecting users' privacy with the highest level of data protection.

Augmented Vision also analyzes massive amounts of video streams and photos to help find subjects and objects of interest in **post-event** investigations. Augmented Vision is designed to make sense of all available video and image data, allowing operators to quickly create leads to solve crimes.

Embedded in AV is an Identity Matching Software solution for efficient real-time and post-event video analytics utilizing COTS hardware.

REAL-TIME VIDEO ANALYTICS

- Identify and track high-risk and vulnerable persons of interest across multiple cameras.
- Extract and capture faces of pedestrians and motorists, license plates, vehicles, and other video data.
- Trigger live alerts for awareness across the entire area of operation.



Use Cases



Government/Public sector



Airports and public transportation



Corporate and Commercial



Stadiums and arenas



Gaming and entertainment



EDGE-EMBEDDED COMPUTING

- Designed for ease-of-use and fast deployment on the NVIDIA Jetson compute platform.
- Provides full system capabilities in a high performance, low-power computing package.
- Allows for standalone and hybrid deployments to accommodate all customer use cases and environments.

POST-EVENT VIDEO PROCESSING

- Automatically recognizes, records, and classifies persons and objects of interest.
- Improves suspect or person-of-interest traceability and detects interpersonal associations.
- Allows a single workstation and analyst to process largescale cases quickly and efficiently.

CAPABILITIES:

- Facial recognition
- Pedestrian detection
- Vehicle detection
- Color filters
- Object linking
- Meta-tagging
- Geo-tracking
- License plate recognition
- Event analytics
- Event prioritization
- Parallel processing
- Collaboration
- CCTV integration
- Hybrid deployments
- Embedded compute
- Scalability