

JedEye is a 3D, real-time, highly automated, integrated sensor and video solution with applications in civilian and government sectors.

The solution allows authorized personnel to, on mobile devices, gain an immersive, all-seeing, indoor and outdoor view of a facility, including a seamlessly integrated 3D aerial view and an on-the-ground 3D view with the ability to look through walls and to look around corners. Orientation is automatic through device movement and optimum video view is automatically selected.

In the civilian sector, the solution has application in improving effectiveness and efficiency in indoor and outdoor facility security and monitoring with potential customers being educational institutions, places of worship, office buildings, industrial facilities, stadiums and other venues.

In the government sector, the solution has high utility in facility security and monitoring as well as in law enforcement. The solution provides improved effectiveness and efficiency in security and monitoring of high value government and quasi-government facilities such as federal and state buildings, airports, ports, and nuclear power plants and it provides a new level of capability to law enforcement officers and SWAT teams ensuring tactical supremacy when these groups respond to active shooter situations.

Problem

Civilian and federal sectors: Current facility security and monitoring installations are inefficient and ineffective, relying on a centralized command center and involving awkward mediation from command center's operators to responders in the field.

Improving security of a facility requires more roaming staff, more command and dispatch center staff, and significantly more training in communication and collaboration.

Law enforcement: Achieving tactical supremacy, neutralizing hostiles, and securing civilians is hindered by lack of access to early and real-time information, and structural impediments that limits visibility (such as walls and closed doors).

Lack of early and real-time information requires responders breaching a facility to initially stage and, once breaching, to progress in a slow, halting and inefficient manner. Effective response time and degree of uncertainty are unacceptably high.

Solution

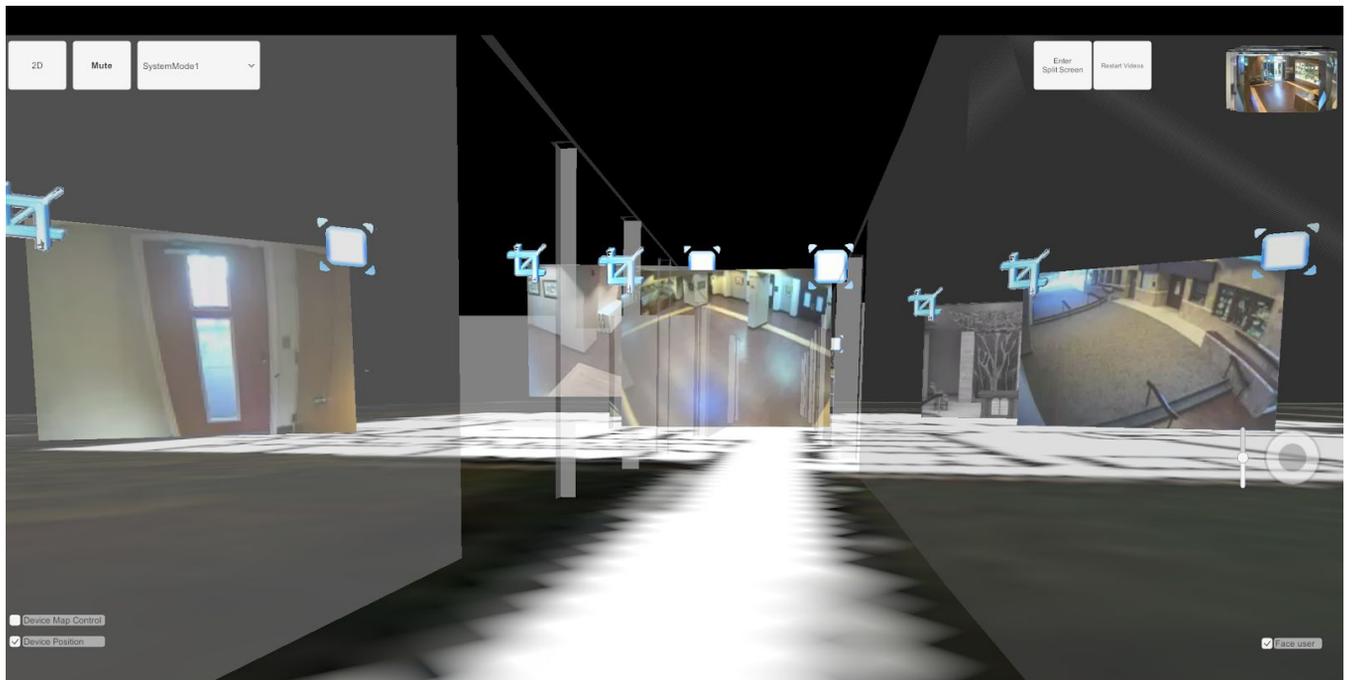
Civilian and federal sectors: Bolt-on mobile video and sensor integration solution with automatic orientation, which allows roaming authorized personnel to gain an immersive, all-seeing, indoor and outdoor view of a facility, including a seamlessly integrated 3D aerial view and an on-the-ground 3D view with the ability to look through walls and to look around corners. Eliminates the need for a centralized command and dispatch center.

Law enforcement: Mobile video and sensor integration solution with automatic orientation that enables responders to (1) assess the tactical solution in real time while *en route* to a facility; (2) engage hostiles and secure civilians immediately upon arrival at a facility; and (3) gather up-to-the-second intelligence while engaged in breaching and securing a facility. Therefore, eliminating cumbersome centralized command and dispatch **and** providing tactical supremacy to law enforcement and SWAT

Application Views



All-seeing view - provides at-a-glance automatically oriented access to all feeds and sensors



On-the-ground view - provides automatically oriented peek-inside and bend-the-corners capability