

Irvine Sensors Corporation offers a family of AI-enhanced security products:

- **ALERT®.** A real-time, cognitive-based video analytics product based on NVIDIA GPU technologies, ALERT® processes multiple imaging camera data streams in a 1U server. The system is VMS-agnostic and camera-agnostic. The product has undergone evaluation by the FAA-sponsored National Safe Skies Alliance and has demonstrated very high probabilities of detection and classification of key events (typically > 95%) with industry-best low false-alerting rates. Deployments have occurred at John Wayne Airport, in Alaska prisons, and at BART in San Francisco.
- **Hawkeye System 1 and 2.** Under the Hawkeye Project sponsored by the US Army, Irvine Sensors is migrating its real-time video analytics processing onto US-manufactured drones.
- **LIDAR.** Irvine Sensors has developed and demonstrated a prototype of a SWIR LIDAR operating as a true wide-area surveillance 3D-imaging LIDAR. The prototype covers a field of regard of 30 degrees in elevation and 360 degrees in azimuth with a 5-Hz full frame rate. This instrument has demonstrated over 200 meters of detection range. A lower frame rate (1-Hz) derivative can detect humans at 1 kilometer and vehicles at 2 kilometers.
- **3D ALERT.** Irvine Sensors' LIDAR technology combines with its video analytics processing technology to provide a real-time high-performance alerting system that is easily scalable to a variety of long-range perimeter surveillance applications.

Further details are available at www.Irvine-Sensors.com.