



## AVA & EAGL Combined Public Safety Technology / Deterrence & Rapid Response

To best protect, deter and respond to events of *school violence* and *mass shootings*, RedSpeed USA and EAGL present advanced technology worth your thoughtful consideration, easily and affordably optional to integrate with RedSpeed Photo Enforcement Systems.

RedSpeed Advanced Video Analytics (AVA) is a unique proprietary technology designed to enhance standard law enforcement practices through video surveillance that recognizes suspected and actual criminal behavior, Amber Alerts with enhanced LPR and video identification of individuals, objects and vehicles through physical features beyond make, model and color. This system can be trained to recognize and respond to whatever object the user wishes to seek. AVA integrates upon RedSpeed automated traffic control systems for seamless operation and economic efficiencies unachievable through independent function.

EAGL gunshot detection is a unique proprietary technology exclusively represented by RedSpeed to pinpoint firearms discharge to 99.7% accuracy within its coverage area. Developed by the US Dept. of Energy, EAGL delivers the most advanced system available, able to precisely locate any gunfire occurrence, along with the type of projectile often to the detail of ballistic caliber, without drawing from sound waves (sometimes challenged as invasive to public privacy). EAGL integrates and coordinates with RedSpeed AVA to provide video access to the event scene allowing the most intelligent and coordinated police response. EAGL is the only gunshot detection of its kind and certified as qualified anti-terrorism technology (QATT) by US Department of Homeland Security (designation attached).

The most efficient means presently available for a law enforcement body to achieve the immense benefits of integrated traffic enforcement, A.I. video surveillance and gunshot technology is through RedSpeed's coordinated technological functions unique at this time.

Bundled contracts with RedSpeed may be structured to integrate as much or a little of each component technology to fit client needs on a unit-by-unit basis.

Prince William County has an opportunity to lead the nation by *upgrading obsolete public safety systems with advanced and affordable technology*, designed to place itself ahead of violent events through interior/exterior selectively applied video and precise gunshot detection immensely effective in early warning, rapid response and perhaps deterring events altogether, all to save lives as a tremendous *force-multiplier* for County Police. Video cams remain dark until directed by the County to engage, either at the moment of gunshot detection or upon activation of a panic bar or button, with immediate distribution (within 20 sec) to all responders authorized by the County through any medium. Video cams return to dark just as rapidly after confirmation of the absence of public safety threat.

RedSpeed A.I. & EAGL gunshot detection serve diverse public venues including City of Sarasota FL, Artesia NM Public School System, Dayton Children's Hospital System, Houston First district grounds – host of NFL Texans, Super Bowl LI, 2023 NCAA Final Four, Houston Rodeo, 2022 MLB World Series.