



Eagle
Aerospace



Driver Enhanced Vision System

For safe navigation in low and no visibility conditions.

Eagle Eye™ Driver Enhanced Vision System (DEVS) combines an infrared thermal imager and GIS-based software to provide emergency and airfield operation crews access to real-time situational awareness.

- Large touch screen display
- Dual screen or dual system option for vehicles operated with multiple personnel
- Automatic display allows for hands off operation
- Operator can zoom in and out, on maps, aerial photos and line drawings for safe navigation
- GPS, DGPS, or WAAS GPS to determine vehicle position with five times the accuracy and ten times the update rate of a traditional GPS (accurate to +/-60 cm (2 feet))
- Imbedded Runway Incursion Warning System (RIWS) logic to
- assist operators when approaching Runway Holding Markings, Runway Safety Areas, and ILS Critical Areas
- Ability to create geographic zones to avoid areas of constructions and other obstacles
- Several option display modes for operator's viewing preference
- Audible directions guide a driver without the need to look at the screen
- Routes can be programmed into the system to avoid unsafe areas and for most
- efficient routing



The Eagle Eye™ DEV's solution meets or exceeds all requirements for FAA AC 150/5210-19A Driver Enhanced Vision System (DEVS) and AC 150/5210-25 Runway Incursion Warning System (RIWS). The annual Support and Entitlements subscription includes the following to ensure 24/7 access to support, spares, software upgrades and CAD updates needed to keep your Eagle Eye™ solution up to date and always in compliance.

Command & Control

The EagleEye™ Command and Control data link operates with the latest wireless technology allowing high data rates and high-speed internet access. This allows for an easy interface with other emergency systems installed at your airfield. With this system, base stations or other vehicles can see each other's locations in real-time. A digital white-boarding capability allows your fire chief to draw on the map and send out the rescue and fire-fighting plan with the push of a button.



In-Vehicle Document Storage & Retrieval

The system is designed to retrieve any digital documents that you may require in-vehicle at the push of a button. Common documents include the schematic drawings of various aircraft to quickly identify fuel locations and puncture points, hazmat documents for identifying potential chemicals and standard operating procedures for handling these situations, CAD drawings for electrical, plumbing, gas lines, structures, and much more.

The Infrared Thermal Imager allows drivers to safely navigate in zero visibility and in nearly any weather conditions. The electronic image can be displayed on either the EagleEye™ DEVS display screen or on an optional heads-up display so that drivers do not have to take their eyes off the road to navigate. This visibility enhancement allows the driver to navigate safely, spot people and wreckage thus avoiding any obstacles en route to the accident.

