ECONOLITE & SAVARI TECHNOLOGY FOR SMART CITIES

We are working with cities and government administrations to deploy life-saving V2X technology, including:

- Traffic-signal violation warning
- Curve-speed warning
- Left-turn assistant
- Work-zone warning
- Reduced-speed zone warning
- Stop sign movement assistance
- SpaT Signal phase and timing in-vehicle visualization
- Blind spot warning + Lane Change Assist
- Intersection movement assist
- Forward collision warning

In addition, a Software Development Kit enables clients to build their own V2X apps.

Intelligent solutions for safer roads can:

- Enable new levels of traffic management
- Significantly reduce congestion
- Enhance vehicle and pedestrian safety
- Establish the infrastructure foundation for connected and automated vehicles

ECONOLITE & SAVARI SUPPORT

Our team is ready to answer ANY questions that may arise. Our engineers are continuously creating solutions that meet and exceed industry and Smart City standards.
ECONOLITE LEADERSHIP

• In business since 1933
• 1/3 of intersections in the United States use Econolite products:
  - An estimated 60,000 intersections use Econolite controller software
  - 29% of the market uses Autoscope detection sensors
• Connected Vehicle partnerships include:
  - UMTRI
  - Indiana DOT
  - Maricopa DOT
  - Arizona DOT
  - California Partners for Advanced Transportation Technology (PATH)
• Econolite is committed to the development and advancement of future-forward initiatives like connected vehicle technologies and other leading-edge innovations to meet the needs of the transportation industry. From helping shape policy and industry standards to collaborating with leading technology partners, Econolite’s goal is to improve quality of life through innovation and the connected vehicle promise of increased roadway safety, efficiency, and sustainability.

STREETWAVE™ ROADSIDE UNIT (RSU)

StreetWAVE enables a wide variety of vehicle to infrastructure (V2I) applications. Features and benefits include:
- Ease of implementation, configuration and deployment
- US DOT specification conformance
- Sturdy mechanical design. Proven its reliability from Michigan’s winters to Arizona’s summers
- Offers multiple configuration options for Dedicated Short-Range Communications (DSRC) radios and Wi-Fi
- Onboard GPS for location services and synchronization
- FCC Certified
- Power over Ethernet (PoE) with full surge protection
- Comes with the most thoroughly tested and highly regarded RSU software. Available Software Development Kit
- Available remote management support
- Examples of DSRC Message Support
  - WSA Broadcasts
  - Traveler Information Messages
  - Roadside Alert
  - Signal Phase and Timing (SPaT) Messages
  - GID/MAP Messages
  - RTCM Messages

MOBIWAVE™ ONBOARD UNIT (OBU)

The MobiWAVE™ family of onboard units (OBU) includes the Vehicle Awareness Device (VAD), the Aftermarket Safety Device (ASD) and the next-generation COTS ASD. MobiWAVE provides a flexible, open platform for deploying Intelligent Transportation Systems (ITS) applications, such as tolling, mobility and safety. Features and benefits include
- Supports a range of scenarios, from a basic Here-I-Am device to ASD, to a COTS-like device
- Optional battery backup for specialized applications
- Expandable to incorporate other sensors
- Supports over the air (OTA) upgrades
- Connectivity options include Dedicated Short-Range Communications (DSRC), Bluetooth, Wi-Fi, and cellular, as well as a GPS receiver
- Advanced security measures at every transmission level
- Examples of V2X Mobility
  - Travel time measurement
  - Intelligent ramp metering
  - Intelligent signal control
  - Traffic congestion data collection
  - Traffic signal priority for emergency and transit
  - Tolling