



FIELD SERVICES

Complete Preventative and
Emergency Maintenance
and Construction and
Installation Services

*TRAFFIC SIGNALS, LIGHTING,
ITS AND COMMUNICATIONS
INFRASTRUCTURE*

FIELD SERVICES

Econolite Systems is a licensed and bonded Electrical Contractor and the premier provider of ongoing traffic signal and ITS maintenance and repair services. Our experienced Field Services team of licensed Electricians and IMSA-certified Technicians are expertly trained and have been providing superior service to customers since 2002.

Our trusted Field Services team makes sure the job is done right to safeguard the public, ensure traffic signal and ITS systems operate efficiently, and keep traffic moving smoothly. Our team believes in the value of preventative maintenance, quick response, and 24-hour-a-day on-call availability. Our comprehensive Field Services includes:

- **TRAFFIC SIGNAL / ITS MAINTENANCE SERVICES**
- **24/7 EMERGENCY MAINTENANCE AND REPAIR SERVICES**
- **COMPUTERIZED MAINTENANCE AND ASSET MANAGEMENT SYSTEM (MMS)**
- **FIBER OPTICS COMMUNICATIONS INSTALLATION, TESTING, AND TERMINATION**
- **VIDEO DETECTION SYSTEMS (VDS) INSTALLATION AND MAINTENANCE**
- **BATTERY BACKUP SYSTEM (BBS/(UPS) INSTALLATION AND MAINTENANCE**
- **SOLAR- AND NON-SOLAR POWERED FLASHING BEACON AND SPEED WARNING SIGN INSTALLATION AND MAINTENANCE**
- **IN-ROAD WARNING LIGHT (IRWL) SYSTEM MAINTENANCE**
- **HAWK SIGNAL INSTALLATION AND MAINTENANCE**
- **INTERSECTION REWIRING**
- **ITS EQUIPMENT INSTALLATION, CONFIGURATION AND TESTING**



Complete Fleet

Econolite Systems offers a complete fleet of operational maintenance vehicles for any traffic signal, ITS, or communication system need.



Testing Lab

Full-service on-site test lab for repairs and cabinet testing, as well as a fully stocked warehouse and inventory of replacement parts.



Preventative Maintenance and Repair

Econolite Systems' comprehensive traffic signal system and ITS device maintenance program ensures that incidences of malfunctions are eliminated or reduced, and that all equipment is in proper working order. Our program includes traffic signal indications, signal controllers, BBS/UPS, traffic control devices, traffic poles, CCTV cameras, video detection, interconnect, communication equipment, cabinets, splice pedestals, and all other appurtenant equipment. Our comprehensive maintenance program includes:

- **CONTRACTED WEEKLY, MONTHLY, QUARTERLY, AND ANNUAL MAINTENANCE PROGRAM, INCLUDING NIGHT DRIVES**
- **PERFORMANCE BASED MEASUREMENT REPORTING, SUCH AS RESPONSE TIMES, TASK COMPLETION, AND UPTIME**



Emergency and Extraordinary Maintenance

Econolite Systems offers 24/7 emergency service for blackouts, malfunctions, burned-out lamps, knockdowns, or damage to traffic signals and all associated equipment. Our team is fully-equipped to repair or replace any part of the signal system to return it to operating condition. Our services include:

- **24/7/365 TECHNICIAN AVAILABILITY AND LIVE DISPATCH TEAM**
- **RAPID, LAYERED RESPONSE TIMES**



ITS Construction and Installation

Econolite Systems provides construction services for communications infrastructure, including Fiber Optic (F/O), serial copper, copper, and wireless communications, as well as communication upgrades, such as serial copper to F/O. We also provide construction for traffic signals, Dynamic Message Signs (DMS), Closed-Circuit Television (CCTV) camera systems, ramp metering, and Dedicated Short Range Communications (DSRC) radios for Connected Vehicle (CV) systems. Our team also has cutover capability for technology and routing.



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 **ECONOLITE**
part of Umovity

1250 N. Tustin Avenue • Anaheim, CA 92807



[econolite.com](https://www.econolite.com)

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Safety

The safety of the public and our employees is of vital importance, and it guides all of our operations. We conduct weekly safety meetings and require that safety be part of all our Electricians' National Electric Code (NEC) continuing education curriculum.



Quality

Without quality, many other areas like safety and productivity can be affected. This is why we build quality into everything we do. From project planning to delivery, our goal is to ensure that your traffic signal and ITS systems operate safely and efficiently.



Productivity

We always strive for high-productivity to ensure that every project detail is addressed in a timely and efficient manner. We utilize the philosophy of "plan your work, and then work your plan," to ensure that our efforts are well-coordinated and successful.