



### **ELTEC's Solar Powered Area Lighting Brightens Oregon Nights**

ELTEC, in business for over 40 years, is known for programmable time clocks (NTC-17E). Over 10 years ago, ELTEC entered into solar powered systems supporting the traffic industry. As applications for solar power grew so has ELTEC's product offering.

Some solar powered pedestrian crossings required supplemental lighting. One of ELTEC's electrical engineers (PE) with experience in lighting applications worked with a major lighting manufacturer and designed a super bright 24 LED solar-powered fixture.



The Charleston Shipyard in Coos Bay, Oregon has "gone green". For security reasons the shipyard needed a (solar powered) light for the drive through/walk through gate entrances.



Aaron Simons, Marine Facilities Manager/Harbor Master asked ODOT (Oregon Department of Transportation) to recommend a company. Aaron discussed the Shipyard's requirements; ELTEC created the system and submitted a solar sizing report ensuring the system's reliability. The area lighting runs from dusk to dawn.

The super bright 24 LED light fixture operates at the same frequency as the human eye. The result: 'real life', true color clarity. A car's color appears as it truly is; license plates are more easily read. The long life, low amperage light fixture is rated for 80,000 hours.

All ELTEC solar powered systems are backed by a sizing report. Systems are never over sized (more expensive) or under sized, so systems won't go dark. Coos Bay is located on the Oregon coast, which is challenging due to the number of cloudy, rainy days as well as its northern geographical location.

When asked what he liked best about the project, Aaron says it was "ELTEC's service". He was extremely impressed with ELTEC's customer support and the reliable, maintenance free area lighting system.

For more information contact ELTEC at 800-227-1734 or [Sales@elteccorp.com](mailto:Sales@elteccorp.com). Visit ELTEC's web site at: [www.ELTECCORP.com](http://www.ELTECCORP.com) or contact your local ELTEC dealer.

### **Iteris Deploys Bluetooth-Based Solution to Measure Arterial Travel Times**

*Iteris uses innovative solution for performance measurements*

Iteris, Inc., a leader in the traffic management market that focuses on the application and development of advanced technologies, announced July 13, 2010 that the Company has made operational an arterial travel time measurement system in Hennepin County, MN as part of the MN/DOT's 2009/2010 Intelligent Transportation Systems (ITS) Innovative Idea Program.

The system identifies and time-stamps the wireless media access control (MAC) addresses of passing Bluetooth devices and sends this information back to a central office, where matching algorithms are used to calculate travel times. The Bluetooth-based travel time measurement network is on CSAH 81 in Hennepin County, with Bluetooth and GPS receivers, antennae, and communications hardware installed at six signalized intersections. The hardware and software for the project is provided by Savari Networks, LLC.

"This project further establishes Iteris as a solution provider in the area of performance measurements," stated Mr. Abbas Mohaddes, president and chief executive officer of Iteris. "Expanding our technological basis with innovative solutions such as using Bluetooth technology allows us to respond to the needs of agencies to measure the operational performance of their roadway infrastructure in an efficient and cost effective way."

For information about Iteris, Inc. contact us at 888-329-4483, or at [www.iteris.com](http://www.iteris.com).

For information about Savari Networks visit: [www.savarinetworks.com](http://www.savarinetworks.com).

### **Trucking Company Increases Green Assets with STC System**

Knight Transportation, a Phoenix-based LTL carrier, has gone green in more ways than one. The company recently added several kilowatts of solar roofing to its covered parking area at its main facility in Phoenix. The grid intertie system produces electricity from the sun during the day and pushes it back onto the grid to offset the company's energy use.



Furthermore, Knight continued by adding 'green' traffic safety to a crosswalk in their main parking lot. Designed and furnished by Solar Traffic Controls (STC) the system uses four TS500 lamps from Traffic Safety Corporation ([www.xwalk.com](http://www.xwalk.com)) which illuminate the crosswalk and warn motorists of pedestrians crossing.

To alert motorists, the system uses 8-inch amber flashers in conjunction with W11-2 signs and W16-7 arrow signs on either side of the crosswalk. The system is activated by

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