



Wireless is ELTEC's 'Middle Name'



For years ELTEC's 'standard' AC & DC systems have been wireless. Whether they're weigh stations, over height truck detection & warnings, snow closure gates, high water / wet road detection & warnings, emergency vehicle, pedestrian crossings, or industrial traffic management (loading docks, bridge traffic, RR crossings) wireless communication has been a central component in the system.

One example is an over height truck detection system at the Philadelphia International Airport. When approaching the terminal the system detects trucks that are too high to safely continue. The 900 MHz spread spectrum radio communicates with the traffic controller turning the signals red, stopping the truck prior to the terminal entrance where it waits for a "POLICE ESCORT". Airport police guide the truck off the main road to an "official use" access road.



In addition to the red traffic lights being wirelessly activated, the airport recently installed four red signal ahead courtesy warning signs powered by ELTEC solar systems, which are also activated wirelessly at the same time. Each 35-watt LED sign turns on the word "RED" as well as LED's spelling SIGNAL AHEAD. Motorists 'held captive' on the approaching overpass/bridge see the "RED SIGNAL AHEAD" sign informing them as to why there's a delay / congestion.



Signal Service Inc. in Pennsylvania, the local ELTEC distributor and system integrator, was responsible to ensure all systems communicate and work in unison; solar powered courtesy sign, over height truck detection along with the intersection traffic controller.

For more information contact ELTEC: 800-227-1734/ Sales@elteccorp.com or www.ELTECCORP.com. Contact Signal Service at 800-851-0606 or your local ELTEC dealer.


Go Green, Get Green


Simple solutions that make a big impact
In the time it will take you to read this sentence, roughly 444 gallons of fuel will have been wasted in traffic in our metropolitan communities costing more than \$13,000. By the time you finish reading this article that number will jump to over 20,000 gallons of wasted fuel totaling roughly \$640,000.

From efforts to curb emissions to those that reduce energy consumption at our more than 350,000 signalized intersections; it is no wonder that green initiatives are hitting the transportation industry so hard. Whether you start small, exchanging incandescent light bulbs with their more energy-efficient LED counterparts, or are thinking on the grander scale of fully integrated ITS solutions, it's time to take a stand and secure the continued health of our infrastructure and personal well being.

Make 'em Green with Envy

Go green & save green with these simple traffic solutions
There is a common misnomer that all green solutions are costly. The following cost-effective, energy-efficient products have an average break-even point of just 2-3 years but are sure to make a big impact on your bottom line and make you the envy of the neighborhood!

 LED Traffic Signals - LED bulbs are a tried and true resource for reducing your intersections' power consumption. McCain represents several distributors of LED light sources. Contact us today to get a quote for your area!

 LED Tube Lights - LEDs aren't just for traffic signals anymore! Innovative, easy-to-install LED Tube Lights easily retrofit existing Illuminated Street Name Signs (ISNS) to drastically reduce energy consumption while promoting safety on your streets.

Want more? While cabinet replacements are a bit more involved than changing a light bulb, the results can be equally rewarding! For example, employing a more energy-efficient power supply in a cabinet saves an average of \$31 / year (based on a 50% load).

Continued on page 57