

# Transportation Application Overview



## Overview

ITS Infrastructure includes a multitude of different types of technologies, each serving a specific purpose in an overall bigger system. Making all of this function flawlessly on a continuous basis is no small feat. Just knowing the status of all the equipment and systems at all times and having a means of getting the right resources to the

right places in a timely manner is already a major challenge. Applied Information has the means to connect your ITS devices to the world wide web and show you mission critical information at your fingertips in an easy to understand format and in the process saving you time and money.



Not only can we bring you real time equipment status and key control functions, we also collect and use the data available to help you with preventative maintenance planning, collection of statistical data for management reporting and medium to long term planning. We can even provide you with the means to measure system performance and service level agreements. All of this comes as a system independent solution and without the need for communications infrastructure or procuring expensive central system software.

## Benefits

- Increased confidence in system performance with automated and continuous monitoring
- Instant status notification via SMS/Email when system has a problem
- Simple installation and maintenance with self-locating GPS enabled devices
- Low communication costs - no fixed IP, no firewall issues, leveraging "Intelligent Data Push" and "Instant Contact"
- Low power usage, suitable for solar power applications
- Monitor and control all equipment types from ONE user friendly, elegant, map based interface showing detailed diagnostics and graphing of parameters; all with no software to buy
- Access from anywhere - smartphone, tablet, or PC
- Perfect management and notification tool for on-demand limited response time maintenance contracts.
- Replaces old technology with a state-of-the-art M2M cloud based solution that is continuously maintained and upgraded as technology evolves.
- Optimizes preventative maintenance programs with up to date information
- Licensing to fit any budget plan, from low monthly fee, annual contract, to one-time perpetual license
- Great tool for collecting and retrieving traffic count data, calculating travel times, and measurement of Key Performance Indicators (KPI) for any ITS system