



Signal Performance Measures in the Trafficware Cloud

Trafficware's SPM in the Trafficware Cloud Service is an out of the box cloud-based solution to store and analyse high-resolution data collected from traffic signals, providing access to the information at any time, 24/7/365. Make better and more timely decisions based upon automated data collection and analysis to improve public service.

The SPM Cloud Service allows an agency to quickly and easily identify potential signal timing issues before they are noticed by the public. Save time and money by pinpointing problems immediately and minimizing the need to contract out analysis.

The SPM Cloud Service provides the same reports developed by leading DOTs including INDOT, UDOT and Purdue University along with ones developed by Trafficware. **The SPM in the Trafficware Cloud Service is a fundamental building block in the Smart Cities initiative and lays the groundwork for "Smart Traffic Signals".**



Product Features & Capabilities

CAPABILITIES

- Traffic analysis tool - makes it easier for the agency to identify problems and resolve traffic signal timing issues sooner
- Cloud Based Service - No Capital cost to agency
- Easily share data with neighboring agencies – No client software required
- 24/7/365 access - data collection, monitoring, analysis and reporting whenever you need it
- 11 Different Reports - refinements and the addition of new ones are performed automatically in the background
- Secure access to encrypted data - Multiple users through commonly supported web browsers
- Access data from any vendor controller with Purdue data collection enabled
- Service Scales automatically – add intersections as agency grows
- No need to procure server hardware
- No software installation or configuration required
- Updates to the service and reporting are performed automatically
- ATMS Transportation Management System (version 2.6 & higher) offers integration with SPM service
- Minimize demands on IT department for support

REPORTS

Approach Delay	Preemption Details	Split Monitor
Approach Volume	Purdue Coordination Diagram	Turning Movement Counts
Arrivals on Red	Purdue Phase Termination	Yellow and Red Actuations
Pedestrian Delay	Purdue Split Failure	

