

LIVE TRAFFIC DATA[®]

iConnect[™] System Software

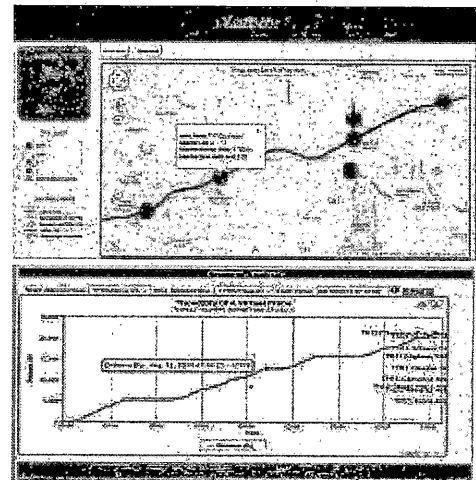
Real-Time Performance Monitoring and Off-line Analysis
For Signalized Arterial Roadways

- Utilizes high resolution traffic data
- Uses all detectors and controllers
- Calculates accurate queue lengths
- Estimates accurate travel times
- Costs a fraction of alternative solutions
- Extends and enhances infrastructure
- Adds intelligence to signal operations
- Unparalleled price/performance ratio
- Patented technology fully supported
- Works with all traffic signal cabinets

iMonitor[™] for Traffic Agencies

Designed for public agencies to perform on-line real-time traffic monitoring and management to signalized arterial corridors. Utilizes patented Queue Length Processing (QLP) technology, and provides a suite of traffic signal performance measures, includes:

- | | |
|-----------------------------|------------------------|
| ✓ Intersection Queue Length | ✓ Intersection Delay |
| ✓ Intersection LOS | ✓ Number of Stops |
| ✓ Arterial Travel Time | ✓ Vehicle Trajectory |
| ✓ Green Times | ✓ Volumes |
| ✓ Volume to Capacity | ✓ Saturation Flow Rate |
| ✓ Purdue Coordination Diag. | ✓ Free Flow Speed |



iMeasure[™] for Traffic Engineers

Designed for traffic engineers and signal timing consultants to perform off-line data processing, analysis and reporting

- ✓ Uses proprietary algorithms to analyze historical trend of network performance
- ✓ Helps identify and diagnose problems in signal operations
- ✓ Provides split monitor and phase termination analysis
- ✓ Automatically generates signal optimization inputs: volumes, saturation flow rates, queue discharge rates
- ✓ Provides retiming benefits analysis
- ✓ Ideal for signal timing fine-tuning and optimization studies

