Metro Traffic Suite provides real-time traffic measurement and data collection over a wide area. An enterprise-level system capable of monitoring traffic in hundreds of locations. Traffic is measured by multiple RTMS data collection stations in a specific area. Data is then typically sent by TCP/IP communications and cost-effectively transmitted to a Traffic Operations Center (TOC) for storage in a real-time database.

Metro Traffic Suite supports multiple devices providing an all in one solutions for traffic management. These sensors feed real-time data into the system and provide transportation professionals with more precise and accurate information. Metro’s reporting feature generates useful analytics, graphs and tables to give traffic management professionals a clear precise picture of their transportation infrastructure.

The affordable Metro Traffic Suite system is not only unparalleled for reliability and accuracy in all weather conditions and for large scale projects, it is also quick to install with no lane closures and no ongoing maintenance required. Suitable for both highway and urban traffic management applications.

APPLICATIONS
• Corridor traffic management
• ATIS Advanced Traveler Information Systems and online speed maps
• ATMS and incident detection
• Traffic counting and monitoring
• Alarm and special events reporting
• Travel time information
• Quasi-adaptive signal control

FEATURES
• Data collection/storage for accurate measurements of volume, occupancy, classification and speed on 12 separate lanes per station
• A scalable and movable system that expands by adding sensors
• Real-time SQL database stores data and network sensor configuration from hundreds of stations
• TCP/IP communications means a simplified, affordable network
• Simple software for SQL database interface, configuration and diagnosis as well as speed map and travel time information.
• Supports multiple sensor types
• Supports NTCIP 1209 v1.18
• Report generation includes data rich analytics

BENEFITS
• Speedy, safe installation on existing structures with no traffic disruptions
• Exceptional reliability with no maintenance required
• Low life cycle cost
• No scheduled maintenance required
• Supports public or private wireless networks
• Low installation costs due to use of existing poles, ability to run on solar/battery power and use of RF modems
Metro Traffic Suite

SPECIFICATION

Operating System
- Microsoft Windows 7 operating system (32 or 64 bit)
- Microsoft Windows Server 64 bit
- MSSQL and MySQL server 5.5 with connector 6.5.4

Detection Stations
- Pole-mounted, using existing road-side poles. Includes side-fire radar and built-in TCP/IP interface
- Power: typically 4 Watt surge-protected AC or DC
- Ideal for solar or UPS power
- Installation time: typically 1 hour
- Measurement on up to 12 lanes with all-weather high accuracy

Types of Data Collected
- Volume
- Speed
- Occupancy
- Gap
- Headway
- Classification
- Voltage
- 85th percentile speed

Reports
- Manual report generation includes:
  - Raw data to, minutes, hours, days, weeks, months, years
  - User definable time date range
- Auto report generation includes:
  - Frequency, hourly, daily, weekly, monthly
  - Setup scheduled reports to run automatically
  - Data type reports
  - Sensor(s) reports
  - Manage saved reports
  - Manage report configurations
  - Create reports and save them as a template
  - Export data to CSV file for further analysis
  - Data can be represented in various graphic types

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Due to ISS’ continuous efforts to develop the products that are most responsive to our customers needs, the above specifications are subject to change. To verify the current information, please visit the Image Sensing Systems website.

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