



## Services

### ITS Strategic

#### Planning and Design

- ITS deployment planning
- ITS system architecture analysis / design
- Communication analysis, design, and planning
- Simulation and modeling

#### Systems Integration

- Traffic signal systems, freeway management systems, traveler information systems
- Regional, multi-modal systems, center-to-center communications
- Integration of off-the-shelf components from multiple suppliers
- Custom software or software modifications when needed
- Accommodation of diversity of communication protocols and links
- Emphasis on systems engineering and standards-based, open systems

#### Operations and Management

- Traffic and transit operations analysis
- Transit priority systems
- Systems support
- Configuration management

#### Integration Support Products

- Central ATMS software
- Embedded systems for freeway systems and arterial signal systems
- ATC applications
- Web-based applications
- NTCIP solutions

#### Design / Build and Turnkey Projects

#### Project Financing

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Siemens ITS provides leading-edge traffic management technology and services for the fast-paced Intelligent Transportation Systems world. Whether providing local controllers, controller firmware, central systems, system analysis, design, integration, or other consulting services, Siemens ITS brings innovative and reliable solutions to customers.

Siemens ITS is the result of combining the resources of two Siemens' companies, Gardner Transportation Systems and Eagle Traffic Control Systems, into a single company focused on providing leading-edge technology and high quality system analysis, design, integration, and consulting services.

The company has a long history of quality and innovation in transportation control and management. Combining proven products and development experience, along with highly regarded consulting services, Siemens ITS is the world's foremost traffic control and transportation management company.

Providing a single source for transportation management products, Siemens ITS offers a wide variety of products and services, ranging from on-street traffic signals and mounting hardware to controllers, cabinets, and facilities, to closed loop and centralized traffic control systems.

Siemens ITS has more than 100 major Advanced Transportation Management Systems and more than 1000 smaller systems installed in cities and municipalities throughout North America. The company has local controller software that has been controlling traffic at local intersections on NEMA and 2070ATC controllers for nearly 20 years.

The company is very active in the development of new industry standards, with strong representation on various NEMA, NTCIP, ATC, and other ITS standards committees. Through our representation on these committees, we have helped to form popular industry standards while incorporating those standards in "state-of-the-art" products. The firm is also playing a leading consulting role in the development of the Adaptive Control System Lite (ACS Lite), NTCIP C2C, and Advanced Traffic Controller specifications.

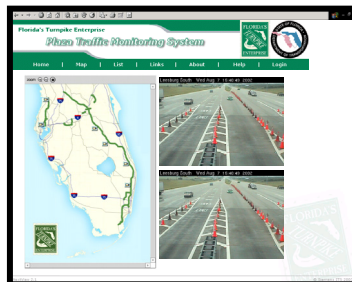
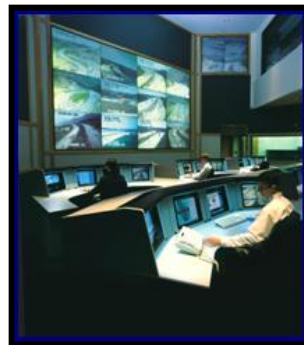
Siemens ITS has been providing comprehensive systems and integrated solutions for more than three decades, working as a "systems integrator" long before the term was in widespread use. Today, the company applies its expertise in the integration of freeway management, urban traffic control, parking control/guidance, and traffic monitoring to design and implement customized systems that provide effective solutions.

As a member of the Siemens family, Siemens ITS shares resources with Siemens Traffic Control Systems in Munich, Germany and Siemens Traffic Controls Limited in Poole, England. New development is being coordinated between the companies to ensure a common architecture and compatibility of their components. With a \$6.5 billion annual budget for research and development, Siemens remains a leader in the development of new technologies and the enhancement of existing ones.

# SIEMENS

## Projects

- Advanced traffic management system for Austin, TX
- Regional traffic signal system software for the Arizona Department of Transportation
- Regional computerized traffic signal system for Houston METRO
- Systems integrator services for replacement of the Baltimore City, MD traffic system
- Advanced traffic management system for Birmingham, AL
- Advanced traffic management system for Orange County, FL
- ACTRA system for Martin County, FL
- ACTRA advanced transportation management systems for Naples, Florida/Collier County
- Multimedia kiosk and website for Caltrans
- Central system software and local and master controller firmware for Georgia Department of Transportation
- Systems supplier for Florida Toll Authority video surveillance system
- Las Vegas area computer traffic signal system and bus priority project
- Statewide ITS program for New York State Department of Transportation
- Systems integration of traffic signal control system for Salt Lake City, UT
- Regional traffic management system for Spokane, WA



## Products

### ACTRA

PC-based intelligent transportation management system monitors and controls traffic from a central control center. **Pocket ACTRA** offers access to information via ACTRA PDA utilities.

### i2

State-of-the-art integrated interagency traffic management system offering information management, graphical data display, and system control.

### SE-PAC

Actuated traffic signal control software for the 2070ATC. Designed to accommodate a variety of traffic control requirements through its diverse programming configuration capabilities.

### NextPhase

Intersection management software designed to tap the power of the new advanced transportation controllers

### NextView

Video distribution and management software allowing full motion video images from up to 500 cameras to be viewed by up to 1000 users simultaneously over the Internet.

### PeMS

Performance measurement system- web-based traffic data collection, processing and analysis tool.

### Insight

Regional transportation management system developed to support the integration of multiple intelligent transportation systems.

### Foresight

Next generation freeway management system provides control, monitoring and detection, incident management, motorist information, roadway weather information systems, map displays and GIS.

### Paragon

Provides a web-based interface to the ACTRA functionality.

### SCOOT

Real-time signal control to measure traffic demand on intersections and optimize signal timings to minimize delay and stops.

### Se-MARC

Master closed-loop software combines system management control, monitoring, and data collection capabilities for up to 32 intersections.

### MARC<sup>NX</sup>

Next-generation, PC-based closed-Loop traffic management system.