

Innovation for better mobility



TRANSPORTATION SYSTEMS

Consulting & Services





Intelligent Transportation Systems have tremendous potential for improving regional mobility, safety, environmental quality and economic competitiveness.

Transportation Management Services

A well-planned, efficient transportation infrastructure is vital to a healthy economy and a high quality of life. As populations increase, Iteris is at the forefront of engineering surface transportation projects designed to meet the needs of today while preparing for the growth of tomorrow.

Services range from making recommendations on a single intersection to designing and managing components of one of the largest freeway deployments in the United States. Iteris has engineers with experience in systems integration, software development, computer science and communications.



Iteris takes a disciplined approach to each system and software project based on ISO 9001 standards that starts with understanding the end-users' needs. Iteris delivers precise solutions that meet customers' needs and expectations based on nine basic core competencies.

TRANSPORTATION PLANNING

- Travel Demand Forecasting
- Traffic Impact Analysis
- Parking Studies

ITS SYSTEMS ENGINEERING AND ARCHITECTURE

- National ITS Architecture Development
- Regional Architecture Development

TRAFFIC ENGINEERING AND OPERATIONS

- Signal Operation/Coordination
- Traffic Operations/Simulation
- Signal System Selection and Deployment
- Lighting Design
- Traffic Control Plans

ITS PLANNING

- ITS Master Plan Development
- Traffic Control System Planning
- Communications Master Plan Development

ITS DESIGN

- Communications Systems
- Detection and Surveillance Systems
- Traffic Management Centers

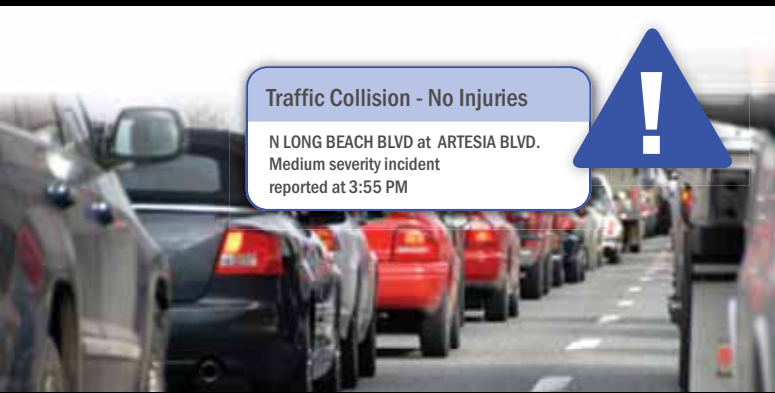
SYSTEMS INTEGRATION

- Disciplined Systems Engineering
- Integrated Solutions and Development
- Interagency Communications and Agreements

TRANSIT

- BRT/LRT Planning, Design and Deployment
- Transit Signal Priority Design and Deployment
- Web-based Trip Planning





Traffic Collision - No Injuries

N LONG BEACH BLVD at ARTESIA BLVD.
 Medium severity incident
 reported at 3:55 PM

Traveler Information Systems are designed to provide travelers with real-time traffic information, enabling them to make optimum route and mode selection decisions.

COMMERCIAL VEHICLE OPERATIONS (CVO)

- Goods Movement Analysis
- CVISN Planning
- CVO/ITS Deployment Scenarios
- CVO Clearance and Administrative Analysis and Planning
- Railroad Grade Crossing Analysis



DESIGN/BUILD CONTRACTING

- Design
- Installation, Configuration and Integration of:
 - ITS Surveillance Elements
 - Communications Infrastructure
 - Traffic Signals
 - Traffic Management Centers
- Traffic Management Planning
- Signing and Striping Plans
- Traffic Maintenance During Construction
- Staged Construction Analysis
- Pre-construction and Detour Planning

Software

REAL-TIME TRAFFIC

Iteris is a pioneer in the area of real-time traffic information. Currently, Iteris produces real-time traffic information — traffic speeds, accidents, roadway construction, travel times and streaming video from traffic cameras — that travelers can access via the Internet.

ADVANCED TRAVELER INFORMATION SYSTEMS

- CommuteView
- CommuteCall
- CommunityView-Cable TV (CV-C)
- CommunityView-Internet (CV-I)
- Commutesmart.info

COMMERCIAL VEHICLE SYSTEMS

CVIEW (Commercial Vehicle Information Exchange Window)

Iteris is the national leader in the deployment of the CVIEW system for states participating in the Federal Motor Carrier Safety Administration Commercial Vehicle Information Systems and Networks (CVISN) Program.

CVIEW-Plus™

The CVIEW-Plus™ was created by Iteris to provide an efficient information foundation for support of state-based commercial vehicle operations. CVIEW-Plus™ has been certified by the Federal Motor Carrier Safety Administration (FMCSA) as CVISN compliant.

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Training

Iteris is a national leader in the development and delivery of training courses in transportation and Intelligent Transportation Systems. Since 2002, Iteris has led the delivery of over 20 courses for the National Highway Institute covering topics such as:

- Traffic Modeling
- Traffic Control Signalization and Software
- Freeway Management and Operations
- Incident Management and Planned Special Events
- National and Regional ITS Architecture Development and Deployment
- Systems Engineering and Configuration Management