



*Building critical
traffic connectionsSM*



OpticomTM

Central Management Software



Efficiently manage, maintain and monitor
your OpticomTM Priority Control System—
right from your desktop.



Building critical
traffic connectionssm

Maximize the benefits from your Opticom[™] Priority Control System with lower costs, greater control and higher efficiency.

By giving emergency and transit vehicles a natural-appearing green light exactly when they need it, Opticom systems can shave precious minutes off emergency response calls and keep transit vehicles running right on time. Even more important are the uncounted lives saved by Opticom systems by helping emergency vehicles travel through intersections safely and arrive on scene faster.

With Opticom central management software, you can greatly simplify management of your Opticom system—and reduce time and cost spent visiting each intersection to retrieve logs, diagnose maintenance issues and manage security. Now you can control, monitor, manage, maintain and secure your entire Opticom system right from the desktop in your traffic operations center, emergency operations center, transit operations center or any other key location.

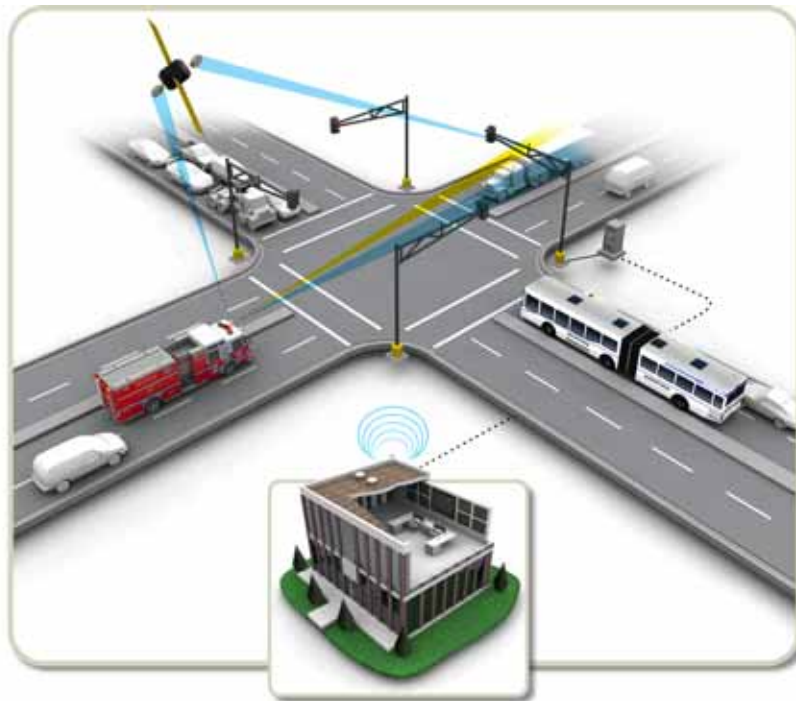
Central management software provides a single-system view of the entire Opticom priority control system, regardless of the technology used for activation of the preemption or priority call. Regions utilizing infrared, GPS radio or both priority control technologies can operate as an integrated solution using central management software. When you are ready to implement a new priority control technology, Opticom central management software will help you manage a successful transition.

A more efficient, more intelligent approach to intersection management.

Opticom™ Central Management Software is a server-based software program that provides interoperability between traffic, transit and emergency operations agencies. Remote management of an Opticom priority control system is achieved through wide-spread deployment of IP-based communication to the intersection in conjunction with GTT's central management software package.

With our central management software, your operations staff can:

- **Manage** equipment inventory, configuration and system security
- **Maintain** system performance, both proactively and reactively
- **Monitor** usage across the system and at each intersection



Opticom central management software structures system usage and equipment ownership into the user's organizational framework. The key entities and components involved include:

Region: A metropolitan area that represents the scope of any one Opticom central management software installation.

Jurisdiction: A governmental unit or organization that controls intersections or agencies or both.

Intersection: A signalized intersection equipped with Opticom phase selectors.

Agency: A governmental unit or organization that controls vehicles.

Vehicle: An emergency or transit vehicle equipped with Opticom emitters.



OpticomTM Central Management Software

Bringing the intersection to your desktop.

Manage system

- Manage intersection and inventory information and create asset management reports.
- Configure new and existing phase selectors at every intersection.
- Manage the replacement of phase selectors from central by provisioning the specific configuration for the intersection from the central management software database.
- Track changes to priority control settings, recording what was changed, when and by whom.
- Implement and maintain a regional coding plan making the support of mutual/automatic aid seamless.
- Assign a role to each user so they are allowed to perform only those operations essential to their position.

Maintain performance

- Complete proactive maintenance reviews without having to travel to the intersections.
- Analyze the activity logs for any intersection or corridor to verify functionality of the system.
- Quickly diagnose problems and complaints and identify corrective actions.
- Improve maintenance productivity by reducing field calls to check system functionality.
- Remotely update firmware to field upgradeable Opticom equipment.

Monitor and control usage

- Monitor activity and key performance indicators across the system or at each intersection in real time.
- Automatically generate consolidated reporting.
- Collect priority control logs that may be analyzed by any combination of vehicle, intersection or agency.
- Easily identify specific vehicle descriptors, including agency, for every preemption and priority call.
- Ensure integrity of your Opticom system by securing it from unauthorized use.
- Respond to a security concern immediately by changing which vehicles are allowed access to the Opticom system.



Enable coordinated evacuation

- Implement evacuation and event plans to quickly vacate an area due to emergency, or following a community activity such as a sporting event or concert.
- Temporarily authorize transit vehicles to *preempt* signals, individually or by corridor.
- Apply evacuation mode to all approaches to support both outbound and inbound transit vehicles.
- Maintain precedence of emergency vehicles over transit vehicles while in evacuation mode.



Intersection Management



Vehicle Inventory



Log Collection System Update and Report Scheduling



Active Monitoring/Active Map

Global Traffic Technologies Support Services

As a worldwide leader in Emergency Vehicle Preemption (EVP) and Transit Signal Priority (TSP) systems, Global Traffic Technologies understands the importance of a system that meets performance expectations. That's why the Global Traffic Technologies service support organization includes certified servicing dealers and trained subcontractors to install, set up and verify performance of your Opticom priority control system. We have the experience and know-how to help you in the following areas:

- Pre-installation intersection and vehicle surveys
- Intersection design
- Intersection and vehicle equipment installation and performance verification
- Intersection and vehicle security programming and setup
- Intersection and vehicle coding, including assistance with local or regional coding plans
- Software installation and configuration
- Project management
- Certification training for maintenance personnel
- Maintenance and service of all Opticom vehicle and intersection equipment

Opticom™ Central Management Software Maintenance Agreement

Our maintenance agreement offers you accelerated technical support and all software updates released as part of the base license or module during the life of the agreement. Contact your Global Traffic Technologies system consultant for complete details.



About GTT

- U.S. based company headquartered in St. Paul, MN
- More than 35 years of experience implementing signal preemption and priority control in communities around the world
- More than 60,000 intersections deployed in over 1,500 cities worldwide
- Specialists in signal preemption and priority control, with intellectual property including 27 U.S. patents and over 50 international patents related to the use of infrared technology, GPS radio technology and management software
- Continual investments in research and development to advance new technologies, streamline processes and create innovative solutions in priority control
- Trusted to deliver proven technology, reliable service and successful deployments

For more information about Opticom™ Central Management Software, contact your GTT systems consultant, visit www.gtt.com, or call 800-258-4610.



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