

TACTICS™ 5

Central Advanced Traffic Management System

The TACTICS™ Central Advanced Traffic Management System (ATMS) is part of the Siemens intelligent traffic portfolio, working with Siemens Advanced Traffic Controllers (including the latest m60, 2070LX and ATC options) together with the Siemens SEPAC controller software to provide advanced technologies and functionality that creates a robust and efficient traffic management environment.

At a glance

TACTICS™ 5 provides a powerful, scalable, resilient and easy-to-use traffic management system with a modern user interface that allows the user to:

- Manage on-street traffic equipment through a single user interface.
- Simplify configuration download/upload powered by YAML technology.
- Monitor the overall system status through a summary dashboard.
- Configure devices remotely.
- Download controller software to field devices remotely.
- Analyze the data by running reports and creating diagrams.
- Create strategies and quick responses to react to pre-defined events automatically.
- Easily search and quickly filter information throughout the system.
- Quickly manage intersections using a map view.
- Logically group controllers independent of signal control grouping.

Controller support with NTCIP support

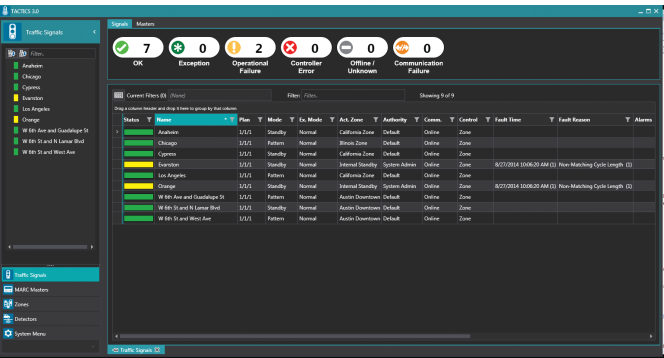
TACTICS™ can be used to manage and monitor a range of controller software, including those running SEPAC and SEMARC. In addition, it supports NTCIP equipment to be connected and monitored as well having a simple ECOM-to-NTCIP converter that facilitates the migration processes.

Flexible options to suit everyone

The solution is flexible, available with variants tailored to the needs of each traffic system. As it grows, TACTICS™ can also scale to the next level, supporting more functions and more field devices appropriately.

Dashboards and traffic data reporting

With an intuitive, configurable graphical user interface, TACTICS™ 5 provides summarized system dashboards as well as detailed traffic intersection information that report on phase status, splits, termination reasons and other programmed data for easy monitoring. Other traffic analysis tools are also available to give insights to the user through intersection diagrams as well as split monitoring and time-space diagrams.



Home Page



Split Monitor

Build resilience with automated traffic control via Quick Response

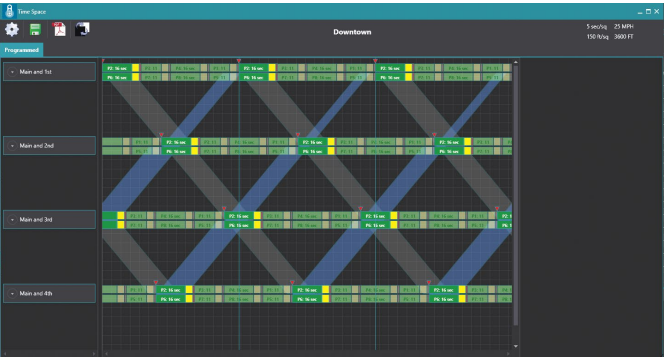
TACTICS™ 5 offers support for the creation and management of triggers and actions for pre-defined events through the Quick Response module. These configurable responses add a level of automation to the system that can help in planned and unforeseen situations, increasing resilience and adding robustness when managing traffic.

Installation made easy with a redesigned installer

The latest TACTICS™ has a completely redesigned installer with simplified user interface that allows engineers to install and upgrade TACTICS onto servers, workstations and standalone systems quickly using a small number of button clicks. The installer also provides support for patch updates to be deployed without having to reinstall TACTICS™ every time, making it easy for new features and patches to be deployed as they become available.

Seamless integration with Siemens SEPAC 5






The system is backwards compatible with older versions of SEPAC and offers full support to the latest Siemens SEPAC 5 traffic controller software, allowing users to benefit from traffic control features that include system banks, import/export facilities for configuration data and NTCIP compliance.



Time Space

Current Fibers (0) (None)													
Filter: Filter													
Showing 9 of 9													
Grouped by Status													
Status Name Plan Mode Ex Mode Act Zone Home Zone Authority Comm MARC System Control													
OK													
	Anaheim	1/1/1	Pattern	Normal	California Zone	California Zone	Default	Online	-	Local	Zone		
	Chicago	1/1/1	Pattern	Normal	Illinois Zone	Illinois Zone	Default	Online	-	Local	Zone		
	Cypress	1/1/1	Pattern	Normal	California Zone	California Zone	Default	Online	-	Local	Zone		
	Los Angeles	1/1/1	Pattern	Normal	California Zone	California Zone	Default	Online	-	Local	Zone		
	W 6th Ave and Granddike St	1/1/1	Pattern	Normal	Austin Downtown	Austin Downtown	Default	Online	-	Local	Zone		
	W 6th St and N Lamar Blvd	1/1/1	Pattern	Normal	Austin Downtown	Austin Downtown	Default	Online	-	Local	Zone		
	W 6th St and West Ave	1/1/1	Pattern	Normal	Austin Downtown	Austin Downtown	Default	Online	-	Local	Zone		
Opt failure													
	Evanson	1/1/1	Standby	Normal	Internal Standby	Illinois Zone	System Admin	Online	-	Local	Zone		
	Orange	1/1/1	Standby	Normal	Internal Standby	California Zone	System Admin	Online	-	Local	Zone		

List Groups

 TACTICS™ View	 TACTICS™ Marc	 TACTICS™ smartGuard	 TACTICS™ Central	 TACTICS™ Enterprise
Designed for portable use, ideal for consultants and engineers who wish to manage intersection data and edit the controller database	A closed-loop for field masters using SEMARC controller software that connects masters on the street for uploads / downloads with simple analysis and map displays	Web-based traffic management solution that allows remote system management from any Internet-connected browser	Full signal control and traffic management features ideal for smaller cities or areas with a limited number of intersections	Full signal control and traffic management features plus advanced functionality such as quick response, perfect for larger volumes of traffic equipment

Feature	TACTICS			
	View	Marc	Central	Enterprise
Password-protected access	X	X	X	X
Controller status	X	X	X	X
Controller database upload	X	X	X	X
Controller database download	X	X	X	X
Serial connection support (including Serial over IP)	X	X	X	X
Dial-up connection support	X	X	X	X
IP connection support	X	X	X	X
OSM-based map	X	X	X	X
Selectable themes	X	X	X	X
SEPAC ECOM Support	X	X	X	X
SEPAC NTCIP Support	X	X	X	X
Configurable logging	X	X	X	X
Communication server	-	X	X	X
Multi-user controller access	-	X	X	X
Permissions control	-	X	X	X
Agency and jurisdictional permissions	-	X	X	X
Dashboard	-	X	X	X
Intersection Status	-	X	X	X
System detector status	-	X	X	X
Active alarm status	-	X	X	X
Port server and client status	-	X	X	X
List and compare database controller to central	-	X	X	X
Parameter history and rollback	-	X	X	X
MARC Master Support	-	X	X	X
Standard and custom reports	-	X	X	X
Synchro support	-	X	X	X
System maps	-	X	X	X
Custom map labels	-	X	X	X
Traffic responsive	-	X	X	X
Time of day	-	X	X	X
Light Rail Transit support	-	X	X	X
Zone/Group Broadcasts	-	O	X	X
Quick response	-	O	O	X
Quick response status	-	O	O	X
Time-space diagram	-	O	X	X
Split monitoring	-	O	X	X
Second-per-second monitoring	-	-	X	X
Logical grouping of controllers independent of signal control	-	-	X	X
Scalability with multiple communication servers	-	-	X	X
Upload/download from a controller to another	-	-	X	X
Virtual ports for 3rd party applications	-	O	O	O
Center-to-center	-	-	O	O

Where: X = Standard, O = Optional, - = Not available

Siemens Industry, Inc.

9225 Bee Cave Road
Building B, Suite 101
Austin, TX 78733

1.512.837.8300

Subject to change without prior notice

Order No.: XXX-XXX-00518

Printed in USA

© 2018 Siemens Industry, Inc.

The technical data presented in this document is based on an actual case or on as-designed parameters, and therefore should not be relied upon for any specific application and does not constitute a performance guarantee for any projects. Actual results are dependent on variable conditions. Accordingly, Siemens does not make representations, warranties, or assurances as to the accuracy, currency or completeness of the content contained herein. If requested, we will provide specific technical data or specifications with respect to any customer's particular applications. Our company is constantly involved in engineering and development. For that reason, we reserve the right to modify, at any time, the technology and product specifications contained herein.