

# SIEMENS

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## TACTICS™ 3

### Central Advanced Transportation Management System (ATMS)

A wealth of proven options and advanced features for superior traffic control and management

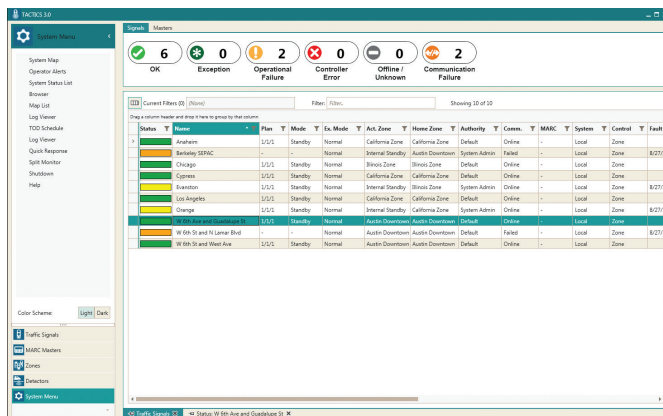
#### About TACTICS 3

TACTICS 3 is modular, full-featured and complies with industry standards to deliver a reliable, powerful and easy-to-use transportation management system. In addition to providing deep integration of the full range of Siemens controller hardware and software – including legacy controllers – TACTICS 3 also offers features such as Traffic Responsive and Quick Response, which help automate responses to handle complex situations. What's more, TACTICS is designed to scale to your needs with features and capabilities that grow as you grow.

#### Features

Key features of the TACTICS 3 ATMS include enhanced graphics, customized reporting, advanced engineering tools, enhanced once-per-second communications, faster start-up and operation, expanded NTCIP operations, support for Transit Priority for light rail, and multilingual support. As well as presenting all standard modes of traffic control, TACTICS 3 extends capabilities with time of day, time-based, manual, flash and pre-empt/priority features. In TACTICS 3, the Siemens traffic-responsive algorithms have set a new industry standard.

- Customizable list displays with sorting, filtering, and grouping features
- Integrated Detailed Intersection Status Display
- Dashboard showing overall system status
- GIS-Based Mapping
- Standards-based Center-to-Center Support
- Enhanced Status Features
- Enhanced Quick Response
- Traffic Responsive
- Multiple communication protocol support
- Comparison of multiple controller databases
- Tempo Ramp Meter support
- Parameter History and Rollback
- Database Change Annotations
- Paging and Paging Acknowledgement

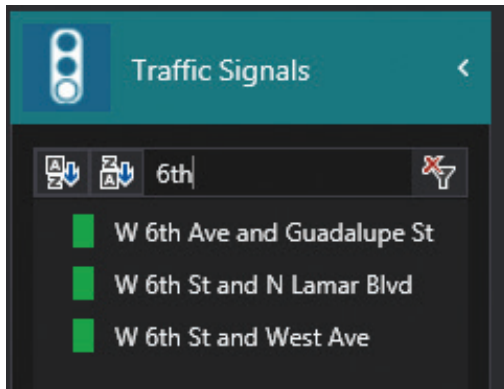
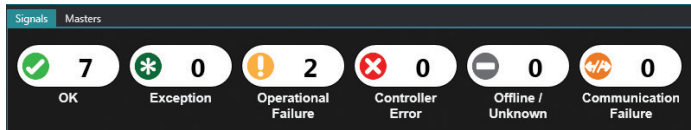


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## Enhanced Status Features

The TACTICS 3 enhanced status features quickly and easily provide a detailed overview of your traffic signal system, so you know exactly what the system is doing at any given point in time. Status features available include:

- Dashboard to show a summary of system status
- Hide/show/reorder each field in the status list
- Powerful search features to find devices easily
- Sort and filter lists
- Standard filters to locate problem intersections fast
- Quick navigation from list to map



Powerful, Flexible, Reliable.

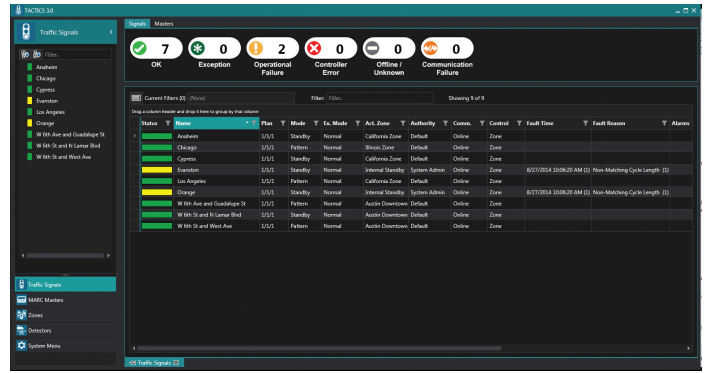
Modular to Fit Each Need



TACTICS supports a range of deployment options that allows agencies to scale to their needs.

- TACTICS View – for consultants and engineers
- TACTICS MARC – for closed loop systems
- TACTICS Central – full featured central control and management
- TACTICS Enterprise – includes Quick Reponse for advanced traffic management
- TACTICS smartGuard – web-based traffic management anywhere

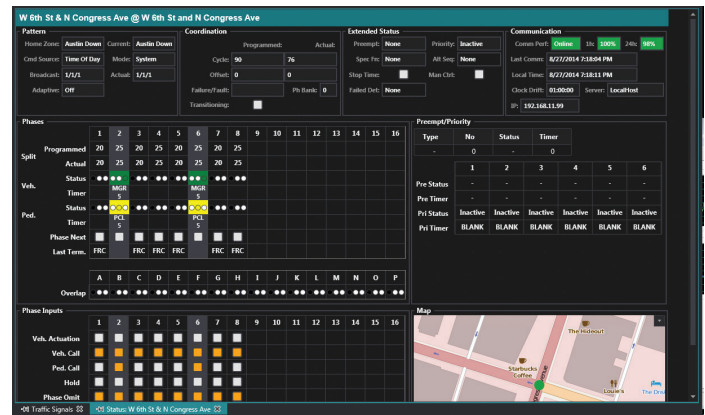
## Home Page – Dashboard, Navigation Panel, List Displays, and Map



New with TACTICS 3, a powerful home page where navigation starts.

- Dashboard shows system status at a glance
- Customizable list displays allow you to filter or sort data in any way
- Columns can be hidden or reordered
- OSM-based map can be used anywhere

## Integrated Detailed Intersection Status Display



New with TACTICS 3, a display that shows in one place exactly what is happening at an intersection.

- Overall summary bar shows intersection status at a glance
- Detailed displays show phase status, splits, termination reasons, programmed data
- Operations are easy to follow
- Display shows exactly what the controller is doing and why

## Compare Controller Database

An added feature in TACTICS 3 is the ability to compare one controller database with another.

- Compare data between devices
- Visually identify changes that need to be made for consistent operations
- Upload controller database from one device and download to another controller or even a group of controllers
- Save time configuring devices for on-street use

## Enhanced Quick Response

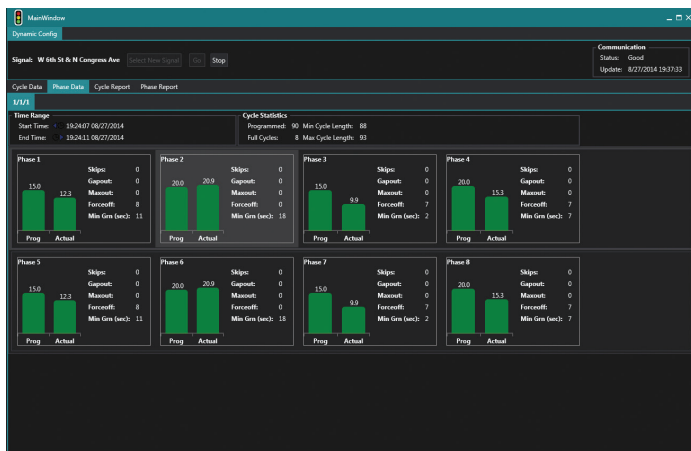
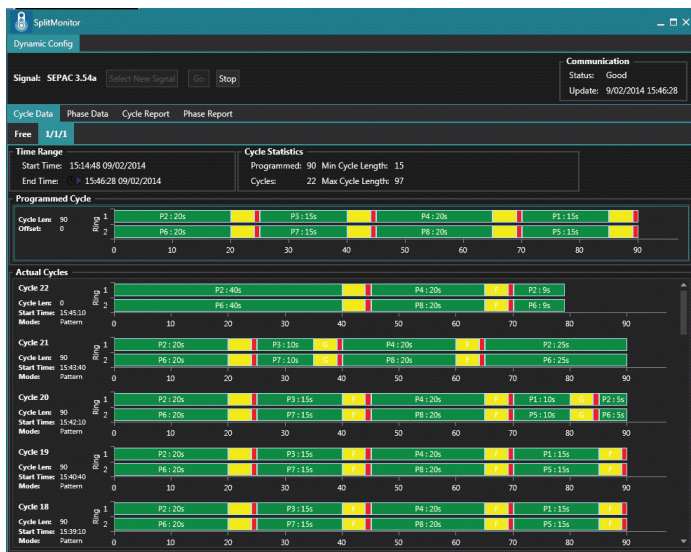
- User-friendly interface
- Quick access to command configuration
- Triggers enable automatic response by system to events and changing conditions

## Parameter Annotation, History and Rollback

Parameter Annotation, History and Rollback provide users the ability to log the reason for changes as well as roll back system changes to a previous state.

- History list identifies changes to the system by user and time stamp
- Annotations allow for detailed documentation of changes
- Rollback of individual changes to a previous setting
- Time-saving eliminates need for data re-entry

## Reports and Analysis Tools



## Strong Support for Full Range of Field Controllers

Support for all types and versions of Siemens controller software.

- Continue to use the field software that you have
- Supports SEPAC ECOM and NTCIP, SEMARC, Tempo Ramp Metering, and select NTCIP controllers
- Leverage existing capital investments

## Hyperlinks

TACTICS hyperlink feature allows users to configure a hyperlink icon on local, multi or system maps for quick access to related documents such as:

- Timing sheets
- Incident reports
- Intersection drawings
- Asset management database
- CCTV cameras
- Websites from an icon symbol located on local, multi or system maps

TACTICS tools track system performance.

- More than 150 predefined reports for all aspects of the system
- Tools including Split Monitor for detailed analysis of signal operations

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