

## SE-MARC - Closed-Loop Master Controller Software



**EAGLE M51 and M52 (with fiber modem) controllers.**

Siemens ITS' SE-MARC Closed-Loop Master Software drives the coordinating master in a closed-loop traffic control system. SE-MARC software combines system management control, monitoring, and data collection capabilities for up to thirty-two (32) intersections. One master controller with SE-MARC software can control and supervise the Traffic Program Selection for two (2) independent groups.

Siemens ITS now offers its versatile SE-MARC Closed-Loop Master Software on the EAGLE MARC, 2070 ATC, M50 Series NEMA controller, and the ATC<sup>NX</sup> controller.

The SE-MARC Closed-Loop Master Software is fully compatible with EAGLE local controllers, and provides continuous real-time monitoring and reporting of conditions for each interconnected ATC<sup>NX</sup> or 2070 ATC (with SE-PAC software), EPAC M40/M50 (actuated), or EPIC (interval) controller.

The friendly, English language-based user interface allows full system access from the on-street master or from an optional central office site via Siemens ITS' MARC<sup>NX</sup> or ACTRA Windows-based central system software packages. The remote access allows master and local intersection programming and monitoring, providing improved programming efficiency while reducing errors.

```

EAGLE TRAFFIC CONTROL SYSTEMS
MARC300 SERIES -- GOS #3.32a (FEB 1997)

1 - ACTIVE STATUS      4 - SYSTEM COORD
2 - UTILITIES          5 - SYSTEM TIME
3 - INTERSECTION       6 - SYSTEM TRAF
   DATA/STATUS        7 - SYSTEM GENE

MARC GROUP 2 ACTIVE STATUS F-PRIOR MENU
MODE: TRAF RESP      CYCLE LENGTH : 085
PATTERN: 1/3/3        CYCLE COUNTER: 025
SPECIAL FUNCTIONS ACTIVE: 12345

REF MODE  TR   TBC   MAN   B
PATTERN:  2/1/1 2/2/3 1/1/1 1/

MARC INTERSECTION ASSIGNMENTS
INT GRP ST DET .1..2..3..4..5..6..7..8
01  0  0      0  0  0  0  0  0  0  0
02  0  0      0  0  0  0  0  0  0  0
03  0  0      0  0  0  0  0  0  0  0
04  0  0      0  0  0  0  0  0  0  0
..0-INACT  1-ONLIN 2-CRITIC 3-STANDBY.
A-UP B-DN C-LT E-ENTER F-PRIOR MENU
    
```

## SYSTEM CONTROL

- MARC/2070ATC/M50 Series based
- Thirty-two (32) Local Intersections
- Two (2) Independent Traffic Control Groups
- Sixty-four (64) System Detectors
- Forty-Eight (48) Traffic Coordination Patterns
- Sixteen (16) Timing Plans with Cycle Length, Splits, & Offsets
- Priority Based Program Selection (Manual, Remote, Time Based, Traffic Responsive)
- Common Group Sync Reference (Crossing Arterials)
- Group Traffic Responsive Operation
- Matching Program Technique (based on V+O)
- Group Time Based Traffic Operation
- One hundred eighty (180) Event Capacity
- Ten (10) Week & Ninety-nine (99) Day Programs
- Group Time Based, Manual and Remote Traffic Plans

## SYSTEM PARAMETER MODIFICATION & ENTRY

- Display/Modify Field Master Parameters
- Display/Modify ALL Local Intersection Parameters
- Remote Timing Modification
- Remote System Parameter Modification and Entry

## REPORT GENERATION

- System Data Reporting by User Request
- Reports Output via Hard Copy
- Reports Uploaded to Central

## SYSTEM LOGGING

- Automatic and Continuous Alarm Logging
- System Detector Status
- System Program Changes
- Traffic Responsive Computations

For more advanced future features and/or more information on Siemens ITS software products call (512) 837-8310 or call your local dealer (see website for the dealer in your area).

Siemens ITS reserves the right to alter any of the Company's products or published technical data relating thereto at any time without notice.

*EPAC and SE-PAC are Trademarks of Siemens ITS, Austin, Texas.*

## Siemens ITS

Siemens Energy & Automation, Inc.  
Intelligent Transportation Systems

8004 Cameron Road  
Austin, TX 78754

Ph: (512) 837-8310

Fax: (512) 837-0196

<http://www.itssiemens.com>

# SIEMENS