

MARC NX Software

MarcNX is a next-generation PC-based Closed-Loop traffic management software system. MarcNX allows monitoring and controlling of traffic from a central computer center, using the familiar Microsoft Windows™ interface. This system is highly customizable and expandable to fit a variety of traffic requirements, and provides a growth path to ACTRA, Siemens's third-generation Advanced Transportation Management System.

MarcNX is the perfect system for smaller cities and municipalities that want many advanced features, but in a more provident and smaller Closed-Loop System. And MarcNX provides the most capabilities and highest industry standard graphics of any Closed-Loop System on the market!

Part Number 122-100



Advanced Options

Multi-jurisdictional security

Remote access to 3M Opticom™ pre-empt data / codes

Support for Arterial Analysis Package (AAP)™ and Synchro™ traffic analysis software (AAP supports Transyt-7F™ and Passer™)

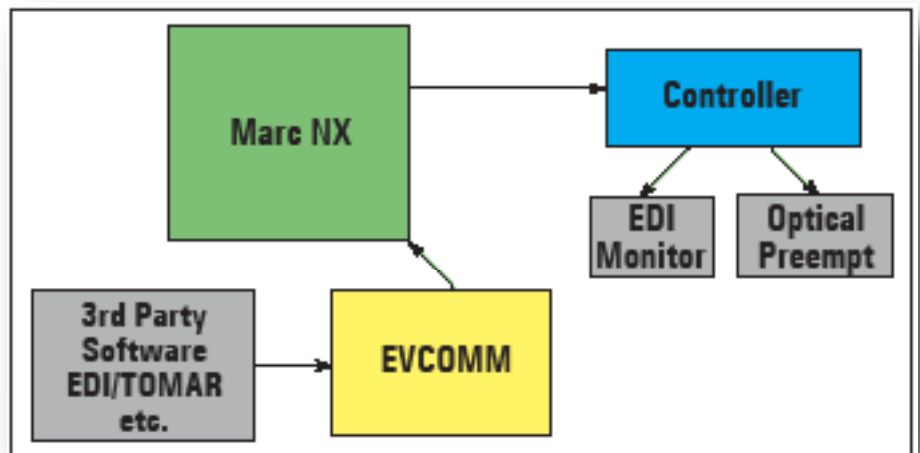
Generate Simple and Dynamic Time-Space diagrams

Local Area Network

Direct Connect Masters

CCTV Interface

EVCOMM Interface for third party products, including 3M Opticom™, TOMAR™, Canoga™, and EDI™



SPECIFICATIONS

System Requirements

Operating System: Windows 2000/NT/XP®

Database : MS SQL Server®, MSDE™, ODBC-compliant

Hardware

Processor : 400 MHz minimum, 500+ MHz recommended

Memory : 20 GB HD; 128MB RAM minimum, 256+ MB recommended

Display: 15" SVGA Monitor, 17" SVGA recommended

I/O: CDR/W drive; Parallel and Serial output ports

Field Devices

Local Controllers EPAC, 170, 2070ATC, EPIC
On-street Masters MARC, 2070ATC, EPAC M50 Series

Basic Features

- Multi-user interface
- Informative, top-of-the-line, user customizable, and easy-to-use graphics
- Allows timing parameters to be downloaded to on-street equipment
- Supports uploading of data from on-street equipment
- Uploading and downloading data does not interrupt normal traffic control operation
- Simultaneous viewing of multiple arterials
- Dynamic real-time display of a coordinated arterial greens
- User customizable reports (via Crystal Reports)
- Windows standard modem configuration
- Automatic modem baud rate negotiation
- Split Monitoring capabilities
- Hyperlink to files displayed on maps
- Multiple Intersection maps

Status Displays

- Intersection Status – Controller Unit Status; Coordination Status; Preemption Status; Time Base Status; Detector Status; MMU Status
- Master Status – Group Active Status; Locals and Detectors Status; Time Base Status; Traffic Responsive Status; Coordination Green Status; EVCOMM Status; Split Monitoring

Reports

Master Reports – Communication Faults; Critical Alarms; Group Pattern Changes; Master Alarms; Online/Offline; System Detector (V+O%); System Detector Graphic; Traffic Responsive (V+O%); Traffic Responsive Pattern Change

Local Reports – Communication Faults; Cycle Measurements of Effectiveness (MOE); Detector Faults; Detector Volume; Local Alarms; MOE; MMU Monitor; Speed Data; System Detector; System Detector Graphic

Local Reports – Event Log w/Parameters; Group Broadcast Record; Intersection List; Log Search; Orphaned Intersections; System Intersection Log; TR Recommendations

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