# Software

## Synchro Timing & Analysis Software

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Synchro 11</td>
<td>Signal Timing &amp; Analysis Software</td>
</tr>
</tbody>
</table>

## ATMS Central Management Platform - Software Maintenance Agreement

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>ATMS</strong></td>
<td>Central Management Platform</td>
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## ATMS Modules

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>SynchroGreen®</strong></td>
<td>Real-Time Adaptive Management System</td>
</tr>
<tr>
<td><strong>StreetSync</strong></td>
<td>Tablet Access to Controllers</td>
</tr>
<tr>
<td><strong>Connected Vehicle</strong></td>
<td>Smart City V2I</td>
</tr>
<tr>
<td><strong>CCTV</strong></td>
<td>Closed Circuit TV Communication</td>
</tr>
<tr>
<td><strong>Trafficware Cloud SPM</strong></td>
<td>Signal Performance Measures</td>
</tr>
<tr>
<td><strong>TEAMS</strong></td>
<td>Traffic Engineering Asset Management Software</td>
</tr>
<tr>
<td><strong>Emergency</strong></td>
<td>Priority Vehicle Routing System</td>
</tr>
<tr>
<td><strong>PODNexus</strong></td>
<td>POD Central Software</td>
</tr>
<tr>
<td><strong>WEB</strong></td>
<td>Real-Time Traffic Information</td>
</tr>
<tr>
<td><strong>BlueTOAD</strong></td>
<td>Travel Time Performance</td>
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## Additional Modules

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Advanced Communications</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Changeable Message Signs</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TSP</strong></td>
<td>Disaster Recovery</td>
</tr>
<tr>
<td><strong>Alpha UPS</strong></td>
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## Controller Software

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>V76 Controller Software</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SCOUT Controller Software</strong></td>
<td></td>
</tr>
</tbody>
</table>
Hardware

Cabinets

- NEMA Cabinets
  - NEMA P-44
  - NEMA M Base- or Pole-Mount
  - NEMA G Base- or Pole-Mount

- 33x Cabinets
  - 332
  - 337
  - 338
  - 336

- Malfunction Management Unit
  - MMU 516
  - MMU 516E (RS232)
  - MMU 516L-E LCD w/Ethernet

- Conflict Monitor Unit
  - NMS12-E123 NEMA
  - NMS12

- Cyber-Security
  - Medeco Locks

- Surge Protection
  - Lighting Protection Modules
  - Surge Arrestor

Controllers

- 980 ATC Traffic Controller
  - 980 ATC T51-T52 Type 2
    - w/ Ethernet and USB
  - 980 ATC T52 Type 1
    - w/ Ethernet and USB
  - 980 ATC Rack Mount
    - w/ Ethernet & USB

- 980 NEMA Traffic Controller
  - 980 NEMA T52 Type 1
    - w/ Ethernet
  - 980 NEMA T52 Type 2
    - w/ Ethernet
  
- 981 NEMA Traffic Controller
  - 981 NEMA T52 Type 1
    - w/ Ethernet
  - 981 NEMA T52 Type 2
    - w/ Ethernet
  
- 2070 Traffic Controller
  - 2070E
  - 2070L
  - 2070E-TTS
  - 2070L-TTS
  - 2070LX

- 970 ATC Traffic Controller
  - 970 ATC w/ Ethernet and USB
  - 970 Rack-mounted w/ Ethernet

POD Wireless Detection System - Pod Components Guide

- POD Sensor
- POD Base Station - Rack Mount
- POD Expansion Card
- POD E22 Expansion Card

Detection

- Video Detection
  - Single and Dual-Channel Video Processor
  - Ethernet Communications Module (VU COM)
  - Video BIU for TS2
  - VU CAM Color Camera
  - Video Suppression Power Panel

- Loop Detection
  - Four Channel Loop Detector
  - Four Channel Inductive Loops Detector
  - Single Channel Loop Detector

- Pedestrian Detection
  - Isolated Pedestrian Detector
  - Pedestrian Pedestrian Isolation Card
  - Eight-Channel Pedestrian Isolation Card

Signal Equipment

- Traffic Signal Heads
  - 12” Polycarbonate Traffic Signal Head
  - 12” Aluminum Traffic Signal Head
  - 12” Aluminum Traffic Signal Head—Visor—Cap Style
  - 12” Aluminum Traffic Signal Head—Visor—Tunnel Style
  - 8” Aluminum Traffic Signal Head

- Pedestrian Signal Heads
  - Isolated Pedestrian Detector
  - Four-Channel Pedestrian Isolation Card

- Pedestrian Flashers
  - Solar-Powered School Zone Flasher System
  - Chronomax Programmable Time Switch
  - Chronomax Pager System Software
  - Chronomax Retrofit Kit

Cabinet Components

- Load Switches
  - NEMA Caltrons
- Flashers
  - NEMA Caltrons
- Flash Transfer Relays
  - With Indicator
  - Without Indicator
- Photocells
  - Cabinet Mounted Photocells
  - Custom Sign Light & Street Light Panel

Fiber optic Splice Enclosures

- 12-port
- 24-port
- Fiber optic Ethernet Switches
  - Cisco
  - ITS Express
  - Control

Additional

- Solid State Signal Bus Relays
- Cabinet Test Module
- Cabinet LED Lighting

Generator Access Compartments

- 30-amp Inlet
- 15-amp Inlet
- Automatic Generator Transfer Relays
## Partner Products

Trafficware exclusively represents Gridsmart and TrafficCast in select areas.

### Gridsmart Single Camera Video Detection System

<table>
<thead>
<tr>
<th>Bell Camera</th>
<th>GS2 Processor</th>
<th>Streetsmart V2</th>
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### TrafficCast BlueTOAD Travel Time Performance & Connected Vehicle Solutions

<table>
<thead>
<tr>
<th>BlueTOAD® Spectra™ DSRC Roadside Unit (RSU)</th>
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<tbody>
<tr>
<td>BlueTOAD® Spectra™ DSRC On-Board Unit (OBU)</td>
</tr>
<tr>
<td>BlueTOAD® Spectra™ POE Ethernet Based System</td>
</tr>
<tr>
<td>BlueTOAD® Spectra™ Solar Power Cellular Based System</td>
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### Intuiicom Traffic & ITS Wireless Solutions

<table>
<thead>
<tr>
<th>Spread Spectrum Radio</th>
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<tr>
<td>Broadband Radio</td>
</tr>
<tr>
<td>Serial to Ethernet Solutions</td>
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### Comtrol Ethernet Switches

| RocketLinx Hardened Ethernet Switches |

### Commsignia Connected Vehicle Solutions

<table>
<thead>
<tr>
<th>On Board Units</th>
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<tbody>
<tr>
<td>Road Side units</td>
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### Multilink Battery Backup Systems

<table>
<thead>
<tr>
<th>Smart Tracker</th>
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<tbody>
<tr>
<td>1kVA Double Conversion Unit</td>
</tr>
<tr>
<td>2kVA Double Conversion Unit</td>
</tr>
<tr>
<td>EP-650</td>
</tr>
<tr>
<td>EP -2200-T</td>
</tr>
<tr>
<td>Standard Transfer Switch</td>
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<tr>
<td>Safety Automatic Transfer Switch</td>
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