



PRODUCT SPECIFICATIONS

TRAFFICLOUD™ WEB-BASED MANAGEMENT

Services: Traffic and Message Suites

TraffiCloud Web-based Management Services

TraffiCloud provides remote management for ATS equipment and equipment from other manufacturers

- Turnkey system, connectivity is built-in and automatic
- Password protected system with five levels of access
- Unlimited authorized users within account can have access to data
- Web-based user interface is always up to date and continually receives applicable enhancements
- Fully hosted web-based management system
 - An Internet-connected device and browser provides anywhere access
 - Compatible with PC, Mac, Android and iOS
 - No IT involvement or support necessary
 - No firewall issues
 - No additional hardware or network appliances necessary
 - No software or middleware to install for remote management
 - Wireless cellular connection provided by ATS, no separate charges
 - Hosted database requires no setup or maintenance by customer
 - Secure solution encrypts stored device data
 - Virtually “hack-proof” wireless connectivity employs multiple security measures
- Changes are synchronized bi-directionally; TraffiCloud to sign and sign to TraffiCloud

TraffiCloud Applications

Available à la carte or included in the Traffic Suite (TS) or Message Suite (MS) as noted

Equipment Management (TS & MS):
Manage equipment remotely

- Check status and change settings/messages from any Internet-connected computer
- Remotely accessible settings (as applicable to sign model)
 - Speed limit
 - **Display options:** max and min speed displayed, Stealth Mode (collect traffic data without influencing speed), speed limit display
 - Violator alert activation
 - Radar sensitivity (reduce to save power)
 - Messages and Speed Dependent Message Groups
 - Alert thresholds and recipients
 - Sign brightness range
 - Schedule sign modes and messages, up to 13 times per day; repeat daily or weekly
 - Monitor current sign configuration and power levels
 - Monitor sign moves with GPS, both planned and unplanned
 - Tags allow associating equipment, locations and owners

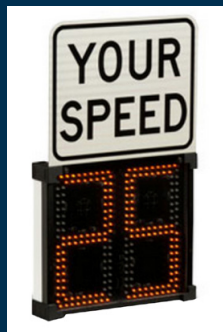
Reporting (TS only – requires radar in unit): Patented tool that efficiently collects, organizes, compiles and distributes information

Automated traffic data upload from sign to server reports with user-selected time and date range, auto trim of data

- Summary by hour with volumes, violator count, min and max speed, 50% and 85% speed, volume, high speed, display mode

Compatible with these ATS Products

Engineered and manufactured in the United States of America



Shield 12 and 15



SpeedAlert 18 and 24



InstAlert 18 and 24

- o Volume by speed and time
- o Compliance and Risk compared to speed limit with adjustable low, medium and high risk ranges – provides visual indicator of traffic safety program effectiveness
- o Enforcement Priorities providing locations with highest number of violators, weighted by volume and speed
- o Effectiveness of the traffic calming program in slowing vehicles
- o Identify trends to optimize resource allocation and be proactive
- o Charts and graphs for all data to accommodate recipient needs
- o Reports exportable to PDF

Mapping (TS & MS): Manage traffic safety program through intuitive interactive map of your community

- Interactive map provides window to system information and functions
- Click on sign or location for relevant setting and data links
- Setup sites on map for sign and data collection
- Layers selectable, to show only currently relevant information
- Current equipment location verified with GPS or to show location conflicts between server location and sign GPS

Alerts (TS & MS): Select when and who is alerted

- Receive email alerts
- Alerts include images if enabled, including tampering
- Alerts for low battery, tampering with location
- High speed and congestion alerts if unit has radar
- Assign recipients by unit and alert type
- Activate Tamper to send Alert with image

Image Management (TS & MS):

Awareness from internal camera

- Internal camera, 640 x 480 resolution, three resolution options
- Capture and upload images based upon alert thresholds- high speed, tampering or congestion
- Awareness images captured at regular frequency – 15 min to 240 min in 15 min increments
- Camera delay adjustment to optimize image trigger timing
- Image Capture Report shows relevant image capture conditions, user can add notes and print or save

PremierCare (TS & MS): Perpetual warranty for duration of TraffiCloud Suite subscription

- 50% discount on non-warranty repairs and accessories
- Real-time diagnostic monitoring
- Remote firmware updates

Options:

- Drive Times Sensor-Free Time to Destination
- Enforcement Suite for connected Lidar
- Stats Suite for automated data collection from traffic counters
- Parking Availability Notification
- Conditional Sensor Messaging incorporating sensor or Internet data in messages
- Other services available

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TraffiCloud leverages our patented technology (US Patents 8,417,442; 8,755,990; 9,070,287; 9,411,893) to deliver unique cloud-based management, features and functionality.

TraffiCloud Android App

- Wireless Bluetooth control local to unit
- Android device can be phone or device with WiFi only
- Manage all unit settings, automatic sync with TraffiCloud Web Based Management
- All traffic data and messages automatically synced and available on hosted TraffiCloud
 - o Retrieve data and sync to server
 - o Create message and sync to server, and have all messages on server available on TraffiCloud Android app