



PRODUCT SPECIFICATIONS

TRAFFICLOUD™

WEB-BASED

TRAFFIC MANAGEMENT

TraffiCloud Traffic Management Services

TraffiCloud provides remote management of traffic equipment and data

- Turnkey system: Web connection sign-on is functional upon delivery. Unit connects to TraffiCloud system automatically whenever the sign is powered.
- Password-protected system with five levels of access
- Unlimited authorized users within an 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:
 - Any Internet connected device & browser provide anywhere access
 - Device agnostic - works on any Internet-connected device with browser, including PC, Mac, Android and iOS
 - No IT involvement or support necessary
 - System bypasses customer network eliminating firewall issues
 - No additional hardware or network appliances necessary
 - No software or middleware to install for remote management
 - Wireless cellular connection provided by ATS, with no separate charges
 - Hosted database requires no customer setup or maintenance
- Changes at the sign using on-board control, TraffiCloud Android App or TraffiCloud Sign Manager PC software are automatically synced with hosted settings

TraffiCloud Applications

Available a 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 modes: max and min speed displayed, stealth mode (collect traffic data without influencing speed)
 - 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 of equipment, locations and owners

Reporting (TS only – requires radar in unit):

Efficiently collect, organize, compile and distribute information. Automated traffic data upload from sign to server reports with user-selected time and date range, auto trim of data.

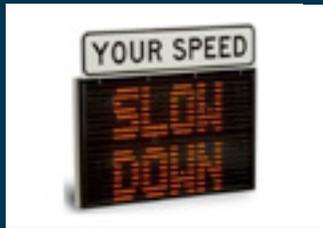
- Summary by hour with volumes, violator count, minimum and maximum speed, 50% and 85% speed, volume, high speed, display mode.
 - Volume by speed and time

Compatible with these ATS Products

Engineered and manufactured in the United States of America



Shield 12 & 15



instALERT/SpeedAlert 18



instALERT/SpeedAlert 24



SpeedSentry 12

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

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

- Interactive map provides window to all 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 whom is alerted

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

Image Management (TS & MS):

Awareness from internal camera

- Internal camera, 400x640 resolution, 3 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
- ### Premier Care (TS & MS): Perpetual warranty for duration of SmartApps Suite subscription
- 50% discount on non-warranty repairs and accessories
 - Real-time diagnostic monitoring
 - Remote firmware updates

Options: Drive Times Infrastructure, Free Time to Destination

- Enforcement Suite for connected Lidar
- Statistics Suite for automated data collection from traffic counters
- Parking Availability Notification
- Conditional Sensor Messaging incorporating sensor data in messages

TraffiCloud Android App

- Wireless Bluetooth control local to unit
- Android 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 backed up on server
 - Retrieve data and sync to server
 - Create message and sync to server, with all messages on server available on TraffiCloud Mobile

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