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 ala-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
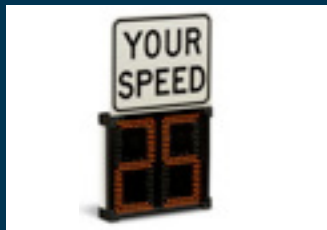 - Tags allow associating of equipment, locations and owners.

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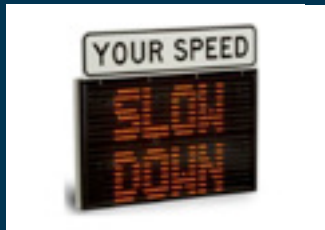
- Summary by hour with volumes, violator count, minimum and maximum speed, 50% and 85% speed, volume, high speed, display mode.
  - Volume by speed and time

Alltrafficsolutions.com

Compatible with these ATS Products

Developed and manufactured in the United States of America

Shield 12 & 15

instALERT/SpeedAlert 18

instALERT/SpeedAlert 24

SpeedSentry 12

- 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 reporting identifies 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 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, and have all messages on server available on TraffiCloud Mobile.