



Product Specification SmartApps Web-Based Sign Management System

SmartApps Web-based Sign Management System

SmartApps provides remote management for all ATS signs

- Turnkey system. Sign to host connection functional upon ship. Unit connects to SmartApps system immediately when sign powered
- Password protected system with three levels of access, virtually 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
 - Internet connected computer with browser provides anywhere access.
 - No IT involvement or support necessary
 - System bypasses customer network eliminating firewall and access 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 cellular charges.
 - Hosted database requires no setup or maintenance by customer
- Changes at the sign using on-board control or ATS Mobile automatically synced with hosted settings
- Same web-based user interface for connections via cell modem or PC connected via Bluetooth or USB

SmartApps 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)
 - o Speed limit
 - o Display modes: max & min speed displayed, stealth mode (collect traffic data without influencing speed)
 - o Violator alert activation
 - o Radar sensitivity (reduce to save power)
 - o Messages and Speed Dependent Message Groups
 - o Alert thresholds and recipients
 - o Sign brightness range
 - o Schedule sign modes and messages, up to 6 times per day; repeat daily or weekly
 - o Monitor current sign configuration and power levels
 - Monitor sign moves with GPS, both planned and unplanned
- Reporting (TS only – requires radar): Efficiently collect, organize, compile and distribute information
 - Automated traffic data upload
 - Reports with user selected time and date range:
 - o Summary by hour with volumes, violator count, min & max speed, 50% & 85% speed, volume, high speed, display mode
 - o Volume by speed and time
 - o Volume by 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
 - Identify trends to allocate resources and be proactive
 - Charts and graphs for all data to accommodate recipient needs
 - Reports exportable to csv, Excel and pdf
- Mapping (TS & MS): Manage 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 locations on Map for sign and data collection

- Layers selectable, to show only currently relevant information
- Current equipment location verified with GPS
- Alerts (TS & MS): Select when and whom is alerted
 - Receive email and/or text message alerts
 - Alerts include images if enabled
 - Alerts for low battery, tampering with GPS location
 - High speed and congestion alerts if unit has radar
 - Assign recipients by unit, location, alert type
- Image Management (TS & MS): Awareness from internal camera
 - Internal camera, 400x640 resolution, 3 resolution options for capture
 - Capture and upload images based upon alert thresholds- high speed, tampering or congestion
 - Awareness images captured at regular frequency – 15 min to 180 min in 15 min increments
 - Image Capture Report shows relevant image data, 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 parts
 - Real-time diagnostic monitoring
 - Remote firmware updates

ATS Mobile

ATS Mobile for Android devices

- Android OS wireless Bluetooth control local to unit
- Android device can be phone or device with WiFi only
- Manage all unit settings, automatic sync with SmartApps Web Based Management if subscribed
- 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 ATS Mobile

Compatible with these ATS Products



Shield 12 & 15



instALERT/SpeedAlert 18



instALERT/SpeedAlert 24



SpeedSentry 12

Made in the United States of America