PRODUCT SPECIFICATIONS:

TRAFFICLOUD™ DRIVE TIMES SENSOR-FREE

Drive Times to Destination Messaging

Drive Times provides the ability to configure travel routes and use the travel times along these routes as message content and as logic to determine messages for display. Define routes with a web-based interface that is linked to a cloud-based travel time data source that aggregates multiple historical and live sources of traffic data providing accurate, live travel times without the need for in-road sensor infrastructure. Drive Times integrates seamlessly with All Traffic Solutions' TraffiCloud Remote Management Services.

Route Definition

- Routes defined and named using web based interface
- Routes are easily reconfigured and deployed
- Up to five active routes can be established per Drive Times subscription
- Route start and end points can be address or gps location
- Up to three waypoints can be defined between origination and destination to define a specific route
- Routes consume TomTom real time traffic data derived from multiple live and historical sources

Use of Routes

- Messages can display travel time over a route, delay time over normal travel time for a route or average speed over a route
- Current route times can be used as logic thresholds to dynamically display specific messages, or display alternate routes with travel times

Route Association with Messages

- Information for up to five routes can be displayed on each sign
- Each message can consist of up to six screens
- Messages can be created in order to scroll through or conditionally display up to five messages

- o **Origination Message:** Each message can display current travel time or delay time for up to five destinations, one per screen
- o **Destination Message:** Each sign can display one of up to five alternate route messages with route selection dynamically dependent upon the route with minimum time to destination from the defined routes

Drive Times Messages and Screen Design

- Up to six screens per message
- Drive Times message screen
  o Place two- or three-digit travel time anywhere into message
  o Up to five routes per message, with one route per screen
- Schedule different routes and combinations of routes for different times of the day – up to 13 scheduled windows per day (Ex. Inbound destination messages in AM, outbound destination messages in PM)

Platform Technology

- Turnkey system. Sign-to-host functionality is pre-established. Sign connects to TraffiCloud system immediately when sign is powered
- No traffic data sensors necessary
- Drive Times traffic data refreshed at least once per minute
- Password-protected system with five levels of access
- Web-based user interface is always up to date and continually receives applicable enhancements
- Fully hosted web-based management system
  o Internet connected computer and browser provides anywhere access
  o No IT infrastructure or support necessary
  o Bypasses customer network eliminating firewall and access issues
  o No additional hardware or network appliances necessary

- o No software or middleware to install for remote management
- o Wireless cellular connection provided by ATS, no separate charges.
- Hosted system requires no setup or maintenance by customer

Integrates with these TraffiCloud Services (purchased separately)

Equipment Management: Manage equipment remotely

- Check status and change settings/messages from any Internet-connected computer
- Remotely accessible settings (as applicable to sign model)
  - o Deploy Drive Times, standard messages and speed dependent message groups
  - o Sign brightness range
  - o Schedule sign modes and messages/message groups, up to 13 times per day; repeat daily or weekly
  - o Monitor current sign configuration and power levels
  - o Speed limit (signs can display speeds and collect traffic data with optional radar)
  - o **Display modes:** Max and min speed displayed, stealth mode (collect traffic data without influencing speed)
  - o Violator alert activation
  - o Radar sensitivity, if applicable (reduce to save power)
  - o Alert thresholds and recipients

Message deployment platform

- **Standard Messages:** up to six screens, variable time per screen
  - o **Speed Dependent Message Groups:** up to five messages based on approaching vehicle speed or current travel time
  - o Up to 50 messages per sign, can be utilized in messages, multiple schedules and/or groups
- Monitor sign moves with GPS, planned and unplanned

Mapping

- Manage program through 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
  - o Setup locations on Map for sign and data collection
  - o Layers selectable to show only currently relevant information
  - o Current equipment location verified with GPS

Traffic Data (optional)

- Automatic data collection, available for analysis from TraffiCloud
- Reports for Speed Summary, Volume by Speed or Time, Compliance, Enforcement Priorities and Effectiveness

Alerts: 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, alert type

Image Management: Awareness from internal camera

- Internal camera, 400x640 resolution, 3 resolution options for capture
- Capture and upload fixed 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
- Image Capture Report shows relevant image data, user can add notes and print or save

Premier Care

- Perpetual warranty for duration of TraffiCloud subscription
- 50% discount on non-warranty repairs and parts
- Real-time diagnostic monitoring
- Remote firmware updates