

Satellite Applications for Global Asset Tracking



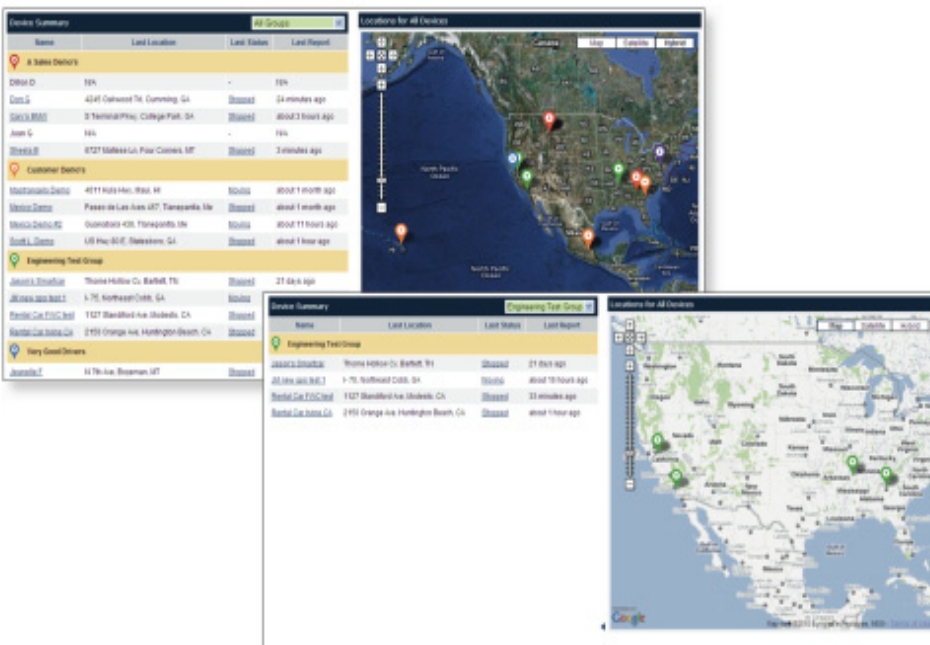
Innovative Asset Management

Tracontime manages and delivers satellite data through their proprietary and highly advanced mapping and management software. It is the only asset tracking and messaging software program designed specifically for mission critical responders' operational needs, serving both headquarters and field requirements.

Tracontime technology resides on a thin-client application, able to map and manage tens of thousands of devices in a useful and intuitive format. It requires no special software to install, and is compatible with all browsers that support Adobe Flash Player 10. It is cross-platform, operating on all major operating systems (Windows, Unix, Mac).

As opposed to other software solutions that require large downloads or do not provide web based displays capable of showing large volume units, Tracontime's



satellite application has been successfully tested and evaluated to display 20,000+ units for individual clients. The underlying system configuration is fully redundant between two geographically diverse locations. Our prime and redundant server locations are Tier 1, five-nines hosting facilities. Data generated by transmissions and user interaction with the application is stored indefinitely.



KEY FEATURES

- Satellite, road and hybrid mapping views
- Patented asset clustering map display for readability
- User alerts on tracker location (entrance/exit of geofence), or route adherence
- Detailed user/role privilege management
- Multiple report and search options including asset location, location search and reverse address determination
- Asset inventory with custom asset fields, icons and color management
- Meters based on tracker line power reports
- Device and organization management for resellers
- WMS server integration
- User defined message forwarding through http, https, sftp or raw socket connections

Satellite Applications for Global Asset Tracking

PRODUCT SPECIFICATIONS	 SX1	 SXL
PHYSICAL		
Dimensions	8.25" x 3.25" x 1" (184 x 83 x 25mm)	3.9" x 3.25" x 2"
Weight	13 ounces (369g)	14 ounces
APPROVALS		
Radiated Emissions	FCC Part 15 and 25 verified transmitter, Industry Canada, COFETEL, CE Notified Body Mark	FCC part 15 and 25
ESD Compliance	EN61000-4-2	N/A
Safety Approval	U.S. UL913, Class 1, Division 1 (Groups A, B, C, D)	U.S. UL913, Class 1, Division 1 (Groups A, B, C, D)
Ordnance	INTRINSIC SAFE OPERATION HERO Certification in progress	INTRINSIC SAFE OPERATION N/A
ENVIRONMENTAL		
Temperature	Testing per SAE J1455 4.1.3.1 and MIL 810F 4.5.2	-20 to 85 C
Humidity	100% at 50 C, Salt, Fog Testing per MIL STD 810	N/A
Vibration & Shock	Testing per MIL STD 810, SAE J1455, and EIC	N/A
Type	60521 IP68 and NEMA 6P	Waterproof sonically welded enclosure
TRANSMITTER		
Frequency	1611.25 to 1618.75 MHz	1611.25 to 1618.75 MHz
Protocol	Simplex	Simplex
Modulation	Direct Sequence Spread Spectrum (DSSS)	Direct Sequence Spread Spectrum (DSSS)
Maximum Tx Power	22dBm EIRP	22dBm EIRP
Maximum Tx Time	1.4 Seconds/9 bytes	1.4 Seconds/9 bytes
Antenna	Dual Mode (Satellite--GPS)	Dual Mode (Satellite--GPS)
Packet Size	9 Bytes	9 Bytes
UNIT OTA IDENTIFICATION		
Electronic Serial Number	• Each Unit Uniquely Serialized	Each unit uniquely serialized
DIGITAL COMMUNICATIONS		
Programming Interface	USB HID Device, T-Wire	Wireless Transceiver, TTL UART
SENSOR INFORMATION		
Motion	• Internal	Internal
Sensor Interface	• USB HID	Wireless Transceiver
Integrated	• Dry Contact	N/A
POWER		
Battery	Internal, Ultrasonically Welded Lithium Pack - Primary 3200mAh 6VDC	Internal, Ultrasonically Welded Lithium Pack - Primary 3200mAh 6VDC
Battery Life	Up to 4000 messages	TBD
Replacement	Field replaceable without device removal from asset	Field replaceable without device removal from asset
Line Power Capable	Standard, via USB Interface	N/A

For further sales enquiries please contact

sales@tracontime.com

www.tracontime.com