



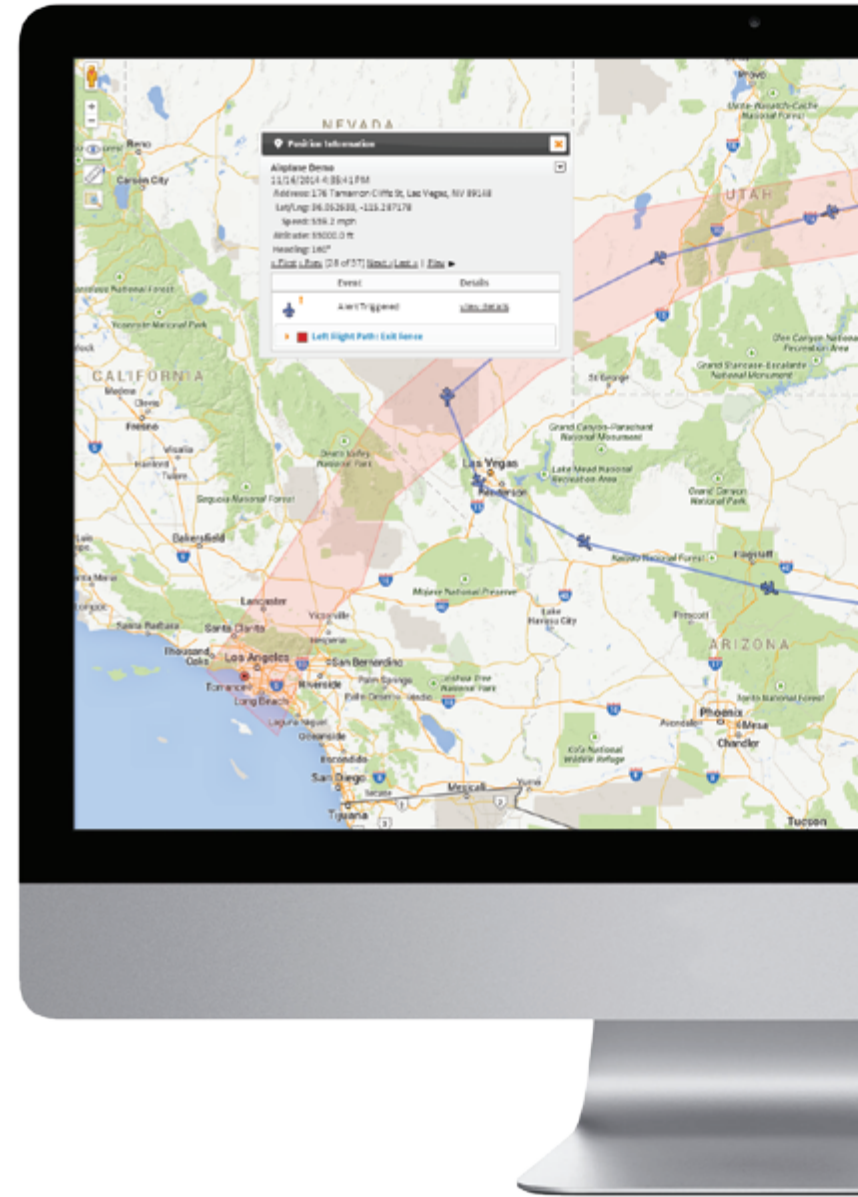
# GSatTrack

## GPS Tracking & Asset Management

Overview For Managing Avionic Assets

# Overview

- Tracking solution that manages and tracks assets over secure satellite connection, as well as other networks
- Displays both current position of an asset, as well as the historical data
- Historical tracking data can be replayed and analyzed visually and via reports
- Reports latitude & longitude, speed, heading, altitude, timestamps, and connected sensors
- Allows 2-way communications between web based platform and assets
- Allows the creation and management of Geofences and Alerts



# Geofences

- Geofences can be created into a variety of circular, polygonal and linear shapes
- Complex behaviors and conditional functions can be assigned to Geofences
- Geofences can be remotely pushed to assets as well for immediate remote behavior or action
- API interfaces can manage features such as flight paths and valid flight times



# Alerts



- Alerts are simple or complex rule sets that monitor asset reports, or lack of reports, and filters to trigger events which are connected to every asset parameter.
- Alerts can also be setup to require an acknowledgment by a user. The alert creator can outline specific resolution procedures a portal operator may need to take in order to resolve the alert.
- Alert notifications can be sent to an unlimited number of email addresses and/or SMS contacts
- These notifications can also be set to pop-up on the portal with audible alerts – an important feature if an alert is extremely time sensitive, such as an emergency
- Once triggered, the portal operator would then follow predefined procedures and make note of the steps they have taken to resolve the issue when acknowledging the alert

# Hardware



- Autonomously tracks and transmits current position, altitude, velocity and heading at configurable interval
- Remotely configurable using tracking portal
- Integrated SiRFstarV™ quickly and reliably tracks position using GPS, Galileo, and GLONASS
- Transmits tracking data to portal using Iridium satellite network for truly global coverage
- Rechargeable battery for hundreds of reports even with external power loss
- Compact design for convenient integration in space limited environments
- Scriptable device for rapid integration within any environment

