

trackitSAT

PDT-300i
IRIDIUM



Keeping track of your “things” is always a challenge. But knowing where your business assets and people operating them are located is no trivial matter. You need a simple solution that tracks your assets quickly, and in real-time.

Our trackitSAT service provides you the tools to access secure, real-time location, two-way messaging and monitoring for mobile-ground asset tracking. Powered by the PDT-300i trackitSAT delivers your business the insight and global communications capabilities you need when your assets are beyond your line of sight.

features

- GPS tracking and optional two-way messaging
- AES 256 encryption
- Configurable and upgradeable software over the air
- Variable GPS reporting rate, depending on speed and time
- Battery backup
- All-in-one ruggedized casing
- No moving parts
- Wide range power input
- Panic alert switch
- Satellite signal indicator
- Displays asset location via trackitSAT - a detailed online mapping and tracking application
<http://trackitsat.infosat.com>



trackitSAT powered by the low profile, low maintenance PDT 300i available at Infosat Communications provides global satellite coverage, creating an exceptional solution for real-time mobile data communications.

Panic Alert Switch

Simple to engage during a non-ideal event, the panic alert switch automatically notifies your back up when it matters most.



INFOSAT
COMMUNICATIONS

Infosat Communications LP

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where the PDT is used

Oil & Gas

- Track company vehicles, essential company assets such as drilling or production equipment, and field personnel
- Increase worker safety by implementing panic alert features

SCADA

- Telemetry acquisition of data in real-time
- On board processor can directly interface with RTU
- Easy installation with no antenna pointing required

Utilities

- Increase productivity and improve worker safety with an uninterrupted work flow (always on)

Public Safety

- Respond decisively to fast-changing situations - deploy field resources where they're needed most

specifications

POWER

Input Voltage	9Vdc-36Vdc, nom per SAE J1455
Receive Mode	300mA (max) @ 12V
Transmit Mode	1A (max) @ 12V

INTERFACES

Communications	RS-232, Digital I/O
Mounting	3-point mount, metal base
Frequency	
Rx/Tx	L-Band Iridium

GPS

Accuracy	< 3m
Channels	12
Data Format	NMEA 0183

DIMENSIONS

Weight	< 3 lbs. (<1.36kg)
Size	9" diameter x 2.2" high (22.86cm x 5.59cm)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C to +50°C (-86F to +122F)
Storage Temperature	-55°C to +85°C (-67F to 121F)

IP 67

the trackitSAT application

trackitSAT will track a single vehicle or your entire fleet using areal time mapping and tracking application. Accessed via the web, this map based tracking application allows you to survey your assets on a up to date map. You can pinpoint a vehicle's location, distinguish between vehicles in your fleet, and track the route taken between points. When the panic alert switch is engaged, an email alert is sent automatically. In addition a "trouble beacon" will appear on your map providing a secondary alert mechanism.

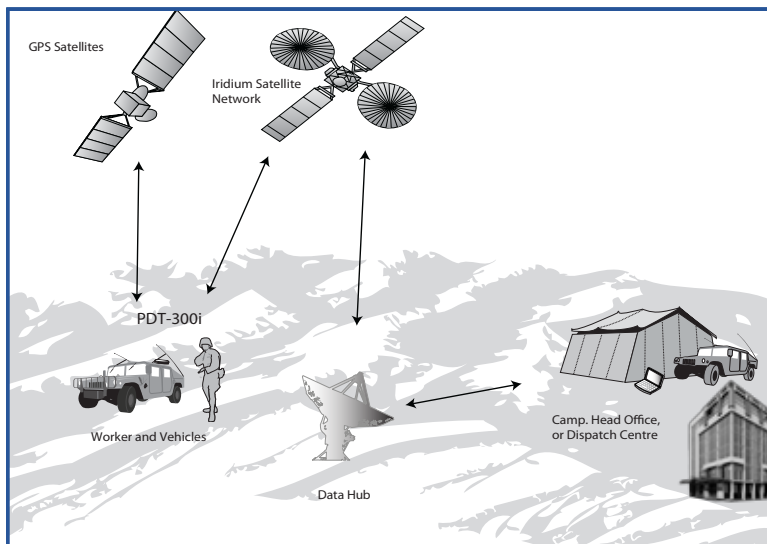
<http://trackitsat.infosat.com>

Simply log in, and start tracking.



trackitSAT

how it works



Contact Infosat today for more information on the our Trackitsat Solution:

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