

trackitSAT

PDT-300i
IRIDIUM



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

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

features

- Marine ready GPS tracking and optional two-way messaging
- AES 256 encryption
- Configurable and upgradeable software over the air
- Variable GPS reporting rate, depending on speed
- 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>



The low profile, low maintenance PDT 300i available at Infosat Communications provides global satellite coverage, creating an exceptional solution for near 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

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where the PDT is used

MARINE

- Vessel monitoring
- Personal panic alert applications
- Work boat tracking, monitoring and optional messaging or weather updates

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
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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)
Submersible	up to 39.5" (1m)
IP 67	

These specifications are subject to change without notice. Printed in Canada. NOV 2009.

the trackitSAT application

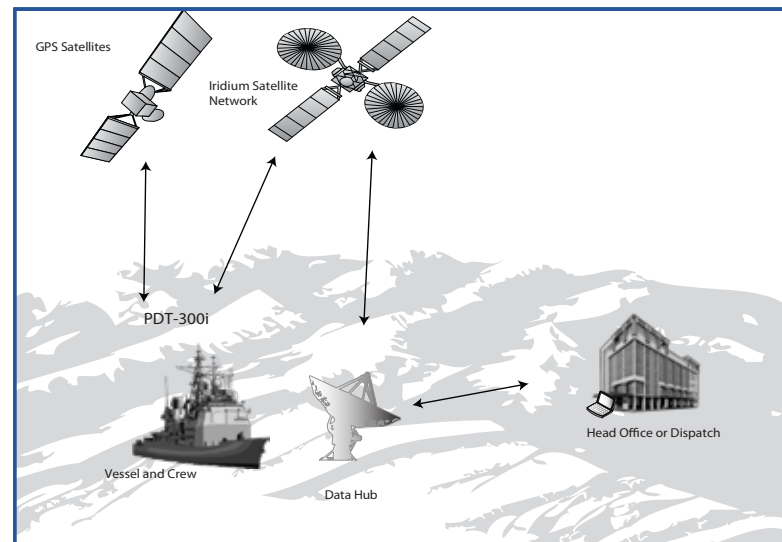
Track a single vessel or your fleet using the real time [mapping and tracking application](#) called [trackitSAT](#). Accessed via the web, this map based tracking application allows you to survey your assets on a up to date map. You can pinpoint vessel location, distinguish between vessels in your fleet, and track the route taken between ports. 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 PDT-300i and our Trackitsat Solution:

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