



**NORTAC**  
DEFENCE

# SHADOW

**GLOBAL SATELLITE REAL-TIME TRACKING, WITH EXCEPTION REPORTING,  
FROM DISPATCH TO DELIVERY POINT. NO MATTER HOW REMOTE THE JOURNEY**

The Nortac Shadow is a cost-effective, high-security solution that helps you maintain a link with your cargo during the entire freight process.

Operating via Iridium satellite and GPRS, the system gives you oversight of your containers, while intrusion alarms including motion detectors and door sensors minimize the risk of cargo theft.

## **Consignment Mgt.**

The Shadow can track containers anywhere in the world in real time and has a 2-year battery life giving data of door open/closed, temp/humidity and movement of the consignment. All this historical data is stored on the SCC TITAN Web-based Platform.

## **Enhances Security**

Unauthorized access is detected automatically and real-time data is sent to the nearest responder. Door sensors and movement detectors reduce the risk of cargo theft and protect

**SHADOW IS A SATELLITE/GPRS/  
GSM BASED CONTAINER TRACKING  
SYSTEM OFFERING A COST  
EFFECTIVE AND USER-FRIENDLY  
WAY OF MONITORING YOUR  
VALUABLE CARGO THROUGHOUT  
THE JOURNEY WHILE MINIMIZING  
THE RISK OF THEFT**

valuable goods. Should theft occur, the Shadow device leverages GPS location data to track the containers.

## **Easily Installed**

The Shadow is a small, self-contained and magnetic-mounted device that is easy to install and re-install on containers. No pre-configuration is required, so you can remote control the device anywhere in the world. The device can only be turned on/off via a unique magnetic switch.

**SCC SHADOW**

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## Device Features

The Shadow offers at least 2 years battery life at 2 reports per day using a N1MH rechargeable batteries. The device setting can be changed over the air from the Platform anywhere in the world. The Shadow operates over the Iridium satellite and GPRS/GSM cellular network therefore reducing operational cost. As an option the data can be encrypted AES256 and all devices have different keys in the event of a device compromise.

## System features

The Shadow device is integrated into the SCC TITAN command and control platform and therefore is interoperable will all other assets in the system. For example, a door open alarm can be automatically sent to a security guards smart phone closest to the incident therefore passing real-time threat and location information. Furthermore, a container move alert can notify operations that a shipment is on the move.

## Specifications

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Battery:</b>                  | 6900 mAh Lithium-Ion              |
| <b>Communication:</b>            | Iridium satellite/GPRS/GSM        |
| <b>Dimensions:</b>               | 3cm x 32cm x 10.5 cm              |
| <b>Weight:</b>                   | 0.66 Kg (with integrated antenna) |
| <b>Operating Temperature:</b>    | IP67                              |
| <b>Dust &amp; Water Ingress:</b> | Iridium SBD CE certified.         |
| <b>Certification:</b>            | 3 Digital I/O                     |
| <b>Input/ Output Comms:</b>      | 2 Analogue I/O                    |
|                                  | WiFi, Bluetooth, RS232            |
|                                  | AES256 Encrypted.                 |
| <b>Security:</b>                 | Magnetic mount or bolt            |
| <b>Mounting:</b>                 |                                   |

