



The World at large presents increasingly complex threats to important personnel, high net worth individuals and remotely distributed lone workers. Critical to providing duty of care is the ability to receive fast alerts to duress or injury and important location information.

D2 Blue is a compact, self contained satellite tracker and messaging device. It is the only solution currently available that offers sub 20 second point to point communication from anywhere on the globe.

Operation

- The small unit is discretely carried on the person
- It uses the Iridium low-Earth orbit satellite network, the only system to offer robust near real-time Global data solution
- D2 Blue provides both location and status information, offering complete peace of mind to both the user and recipient of communications
- The unit has the ability to send data 256-bit AES encrypted format
- Services provided include
 - Automatic tracking & position reports
 - Emergency alert button
 - Predefined text messaging
 - Waypoint tracking

Key features

- Robust, real-time, pole-to-pole coverage (Iridium-based unit)
- Longevity of operation - A position report can be sent every hour for up to 2 months (approx 1,600 reports)
- Can send data as encrypted 256-bit AES format
- Discrete, small-sized unit, measuring just 100 * 60 * 20mm
- Easily carried, low weight, weighing less than 300 grammes
- Can be used a multitude of ways for location tracking & alerts
- SOS-alert/panic button shield
- Data logging (waypoints) and check-in soft keys
- Integrated motion sensor
- USB interface

Specification

- Measures 100 * 60 * 20 mm
- Weighs less than 300 grammes
- Uses internal 2.3 AmpHr rechargeable battery
- Recharged using AC adaptor, computer USB port or solar charger
- Ultra-low power electronics, drawing less than 35uA during sleep cycle

Operational capability

- Normal tracking – programmed to automatically wake up and send a position report at a set interval ranging from continuous to once every seven days
- Emergency alert – sends alerts to a designated monitoring centre using an emergency button. The monitoring centre and user can then communicate to define further specifics of the emergency
- Predefined text messaging – sends predefined text messages in short codes to save bandwidth instead of the entire message body. Free-text, canned messages or combined free-text and canned messages
- Waypoint tracking – sends and/or saves waypoints (interested landmarks) for later retrieval
- Check-in –allows a quick check-in message to be sent using a single soft key



D2 Technology Ltd. delivers leading edge solutions in triggering, tracking, surveillance and relocation (personnel, vehicles, equipment) to Government, Police and Security organisations.

We combine scientific and technological know-how with first-hand knowledge of operational applications, in both domestic and challenging overseas theatres.

The D2 Technology team brings 40 years' of research & development experience for Dstl (UK MoD) and UK Special Forces to all our developments.

