GT1: GLOBAL ASSET TRACKER

geoforce

RUGGED.
REVOLUTIONARY.
GLOBAL.

Combining GPS and Satellite technologies in one compact design, ***GT1 will redefine the way you think about asset tracking.***

In control. On demand.

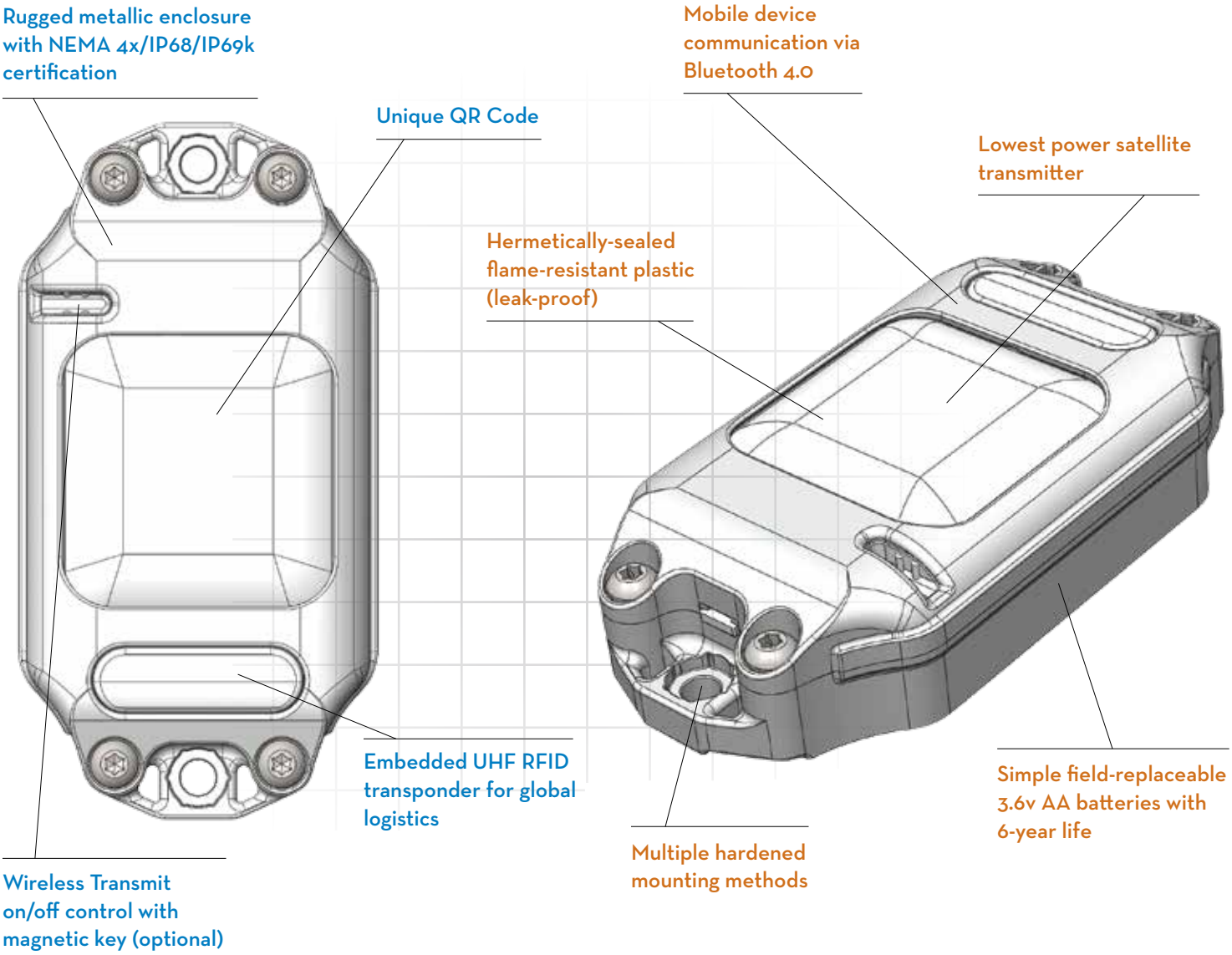
RUGGED BY DESIGN

Engineered Defense

Geoforce's technology proves great things come in small packages. The versatile GT1 tracks assets in locations too challenging for other GPS devices. Exhibiting a unique rugged metal housing with hermetically-sealed internal electronics provides durable protection from extreme temperatures, forces and chemicals.

APPLICATIONS

- Tanks
- Rail Cars
- Trailers
- Cargo Units
- Frac Tanks
- Roll-Off Boxes
- Generators
- Skimmers
- Containers
- Baskets
- Sand Traps
- Screen Boxes
- Acid Tanks
- IBC Tanks
- Fuel Tanks



GT1 Specifications

Physical

Dimensions: 6.25" L x 3.23" W x 1.39" H
(158.75mm x 82.0mm x 35.3mm)

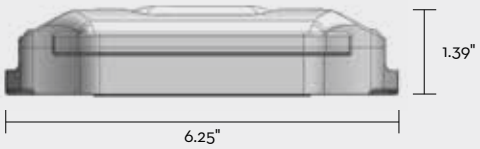
Weight: 2.0 lbs (909 g)

Housing: Metallic

Protection: Tamperproof entry with security lock enclosure screws

End View

Side View



Batteries

Type: 3.6V AA batteries (6), non-proprietary

Life: 6 years transmitting twice per day, under normal conditions

Replacement: Field-replaceable without removal from asset
(Only replaceable in non-IS environments)

Device ID/Interfaces

- Bar Code - unique ID
- 2D Bar Code/QR Code - unique ID, URL
- RFID - Global, passive, UHF, Gen2
- Bluetooth v4 (low energy)

Environmental Standards

Operating Temperature: -40°F to 185°F (-40°C to 85°C)

Storage Temperature: -58°F to 185°F (-50°C to 85°C)

Ingress Protection: IP68 (10 meters)/IP69K

Humidity: MIL-STD-810G: 507.5

Immersion: MIL-STD-810G: 512.5 (10 meters)

Solar Radiation Exposure: MIL-STD-810G: 505.5

Salt Fog Exposure: MIL-STD-810G: 509.5 (500 hours)

Acidic Atmosphere Exposure: MIL-STD-810G: 518

Icing/Freezing Rain: MIL-STD-810G: 521.3

Vibration + Temperature: MIL-STD-810G: 514.6

Shock: MIL-STD-810G: 516.5 + 516.6

Safety Certifications

- **ATEX:** EN 60079-0, 11, 26
  CE0359 EX II 1 G Ex ia IIC T4 Ga
  -40°C<Tamb<+55°C
- **IECEx:** IEC 60079-0,11,26
  Ex ia IIC T4 Ga
  -40°C<Tamb<+55°C
- **OSHA Hazardous Location Classification:**
  Class I: Division 1 Gas Groups A-D T4
  Class I: Zone 0 | AEx ia IIC T4 Ga
- USA Intrinsic Safety - UL 60079-0,11,26, UL 913:2011
- Canada Intrinsic Safety - CSA 22.2 No. 60079-0,11, No. 157-92
- FCC Part 15, Industry Canada (IC), CE Mark/Alert (EU), R&TTE Directive 1999/5/EC (EU/ETSI), Brazil ANATEL, AUS/NZ C-tick

Satellite Network

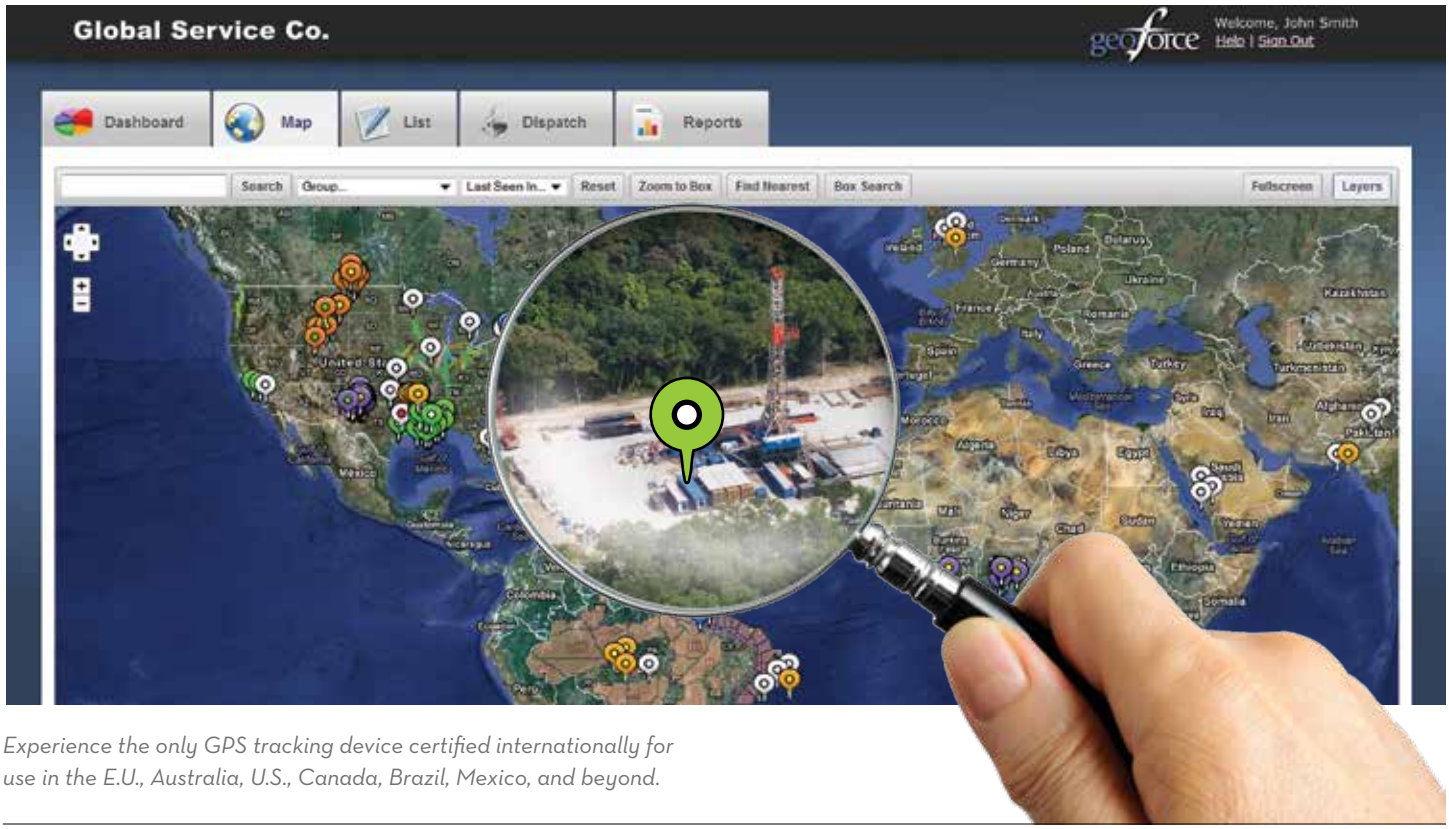
Protocol: Globalstar Simplex

Frequency: 1611.25 MHz to 1618.75 MHz

Maximum Transmit Power: 23 dBm EIRP (200 milliwatts)

Maximum Transmit Time: 1500 milliseconds

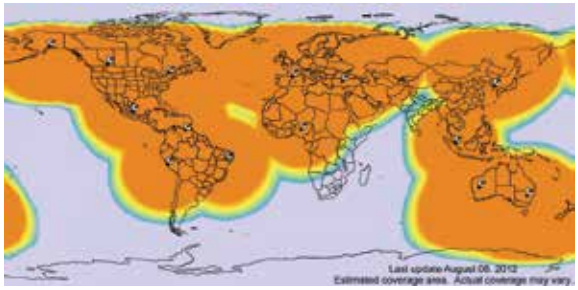
A GLOBAL PERSPECTIVE



Experience the only GPS tracking device certified internationally for use in the E.U., Australia, U.S., Canada, Brazil, Mexico, and beyond.

Rugged

- Metal enclosure with multiple mounting options
- Hermetically-sealed internal compartments with IP68 and IP69k durability
- US/Canada, ATEX/IECEx-certified for use in Zone 0 hazardous explosive environments
- Tested to the highest MIL standards



Worldwide coverage on Globalstar's L.E.O. satellite network.

Revolutionary

- Unique QR coding for mobile scanning of product information
- Combined GPS and RFID for location and identification
- Bluetooth v4 for wireless configuration
- Low power transmitter for extended battery life

Global

- 100% satellite-based communication for visibility in remote locations
- Fast deployment anywhere with no additional infrastructure required
- Worldwide transmission without complex data roaming agreements
- Globally-certified for around the world functionality

Multiple US patents pending.

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