

# HELIOS TT

>Real-time solutions for  
fleet management,  
protection against theft and  
security systems



**STARCOM**  
Systems

 **x3**  
**VTS**  
Solutions Inc.



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# HELIOS TT

Sophisticated versatile track & trace system for any vehicle.  
Waterproof, low voltage all-in-one unit with advanced features.



⦿ Fleet management ⦿ Motorcycles ⦿ Jet Skis ⦿ Golf carts ⦿ Quads ⦿ Towables

Starcom Systems quality at an affordable price

- Customized events through Starcom Systems propriety event generator
- Compact in size and can be easily hidden
- Very low power consumption
- Waterproof case available
- Geo-fencing alerts
- Tow alert
- Worldwide detailed maps
- Personalized alerts via Text message and E-mail



Starcom's superior technology - built to work better and last longer

**STARCOM**  
Systems | Above All



## Helios TT - General Specifications:

CPU	Type Memory:	NXP ARM Cortex-M3 Static RAM: 128kb ROM: 34kb Flash: 2048kb
Power	Power Voltage Range Consumption	8v-36v (supported in same unit) 3mA in low power mode up to 120mA in working mode can reach up to 300mA if battery is charged
* Backup Battery (optional)	Type Power	Lithium-ion Polymer 3.75V, 550 mAh
Cellular Communication  Satellite Modem (external device)	GSM/GPRS - default Optional Modems Antenna type Data channels Protocol Connection	Quad Band (850, 900, 1800, 1900) UMTS/HSPA+, CDMA/1xRTT/EV-DO, LTE Built-in (concealed) SMS & TCP/IP Propriety – encrypted RS232
Location	Type Time to First Fix (TTFF) Positioning Accuracy Antenna type	GPS, GLONASS (optional) 1 sec (hot start) 2.5m CEP (50%) Velocity: 0.2m/s (50%) Built in (concealed)
COMM Port	Type Speed	RS232 115,200bps (default)
I/Os	Digital Inputs Digital Outputs Analog Inputs	Max 2 Max 1 Max 1 (1 Digital input can be converted to Analog)
Accelerometer	Type Purpose	3-Axis, 20 mg accuracy, up to 8g Identify and report events of impact and accident
Alarm System	Immobilizer Disarming Options	External – Gradual Stop Key Pad, Dallas Key, Remote Control, RF Keypad
Dimensions	Size  Weight	21H x 60W x 57L (mm) 0.82H x 2.36W x 2.24L (inch) 120 (grams) 4.23 (Oz)
Environmental	Operating Temp Storage Temp Humidity	-40°C (-40°F) to +60°C (140°F) -40°C (-40°F) to +85°C (185°F) Max 90%



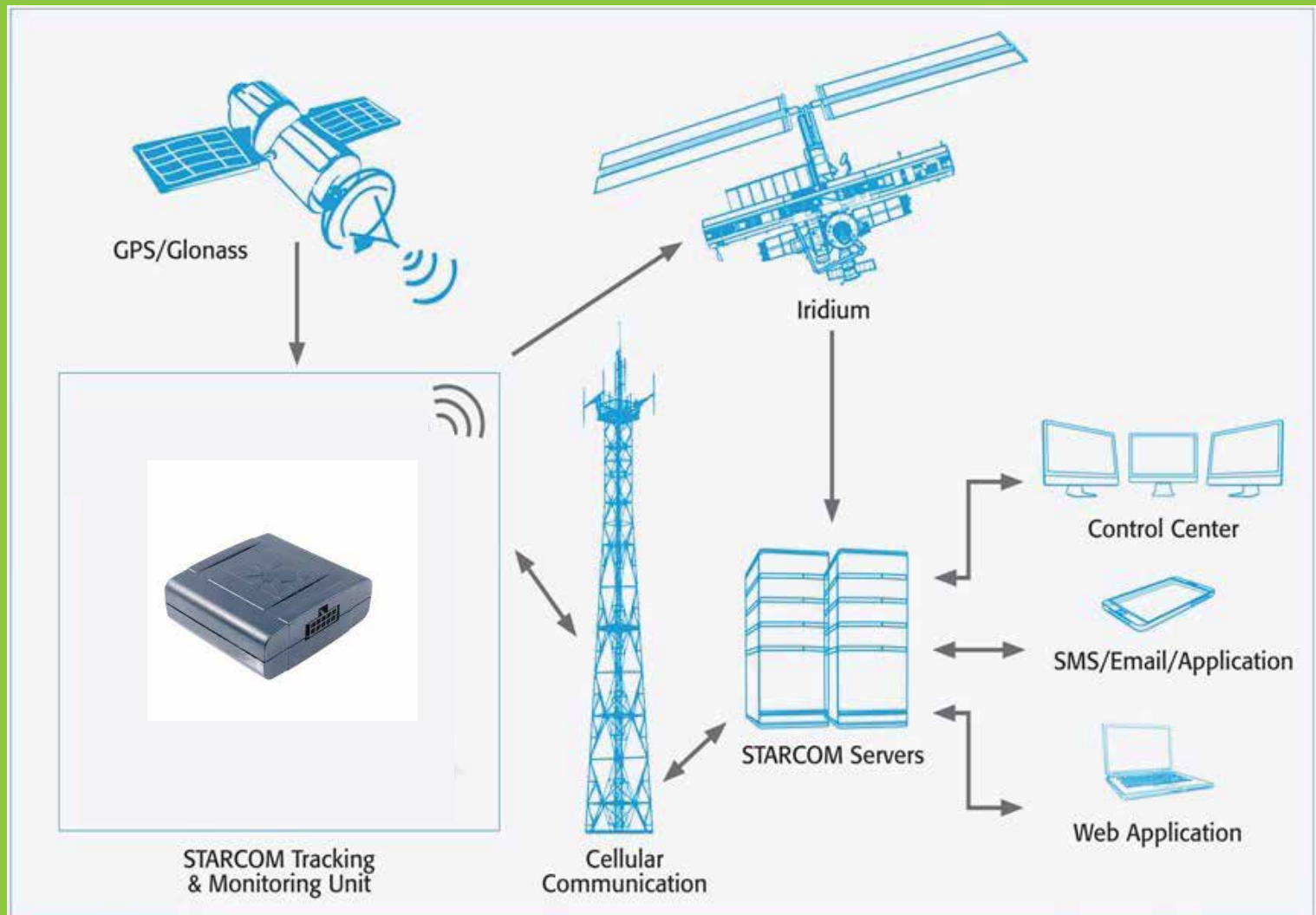
# Remote Monitoring Center

**Alarms, Events, and notifications** are handled as incidents from the Monitoring Center in Real Time.

**Alarm activations attention to** detection of the location of the event.



# Application Architecture Starcom Online



**It does not require HW Servers.**

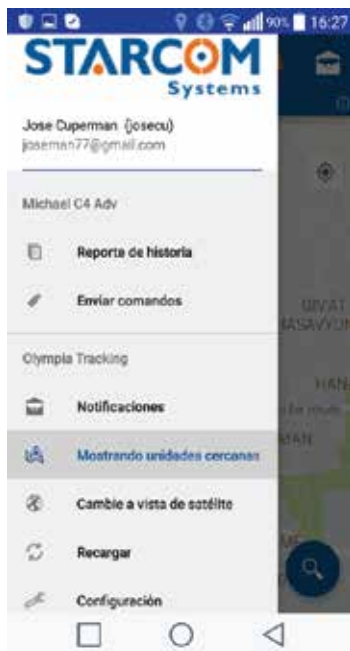
**Long service life** of the device, more than 6 years.

**Does not require maintenance,** updating of components via cloud.

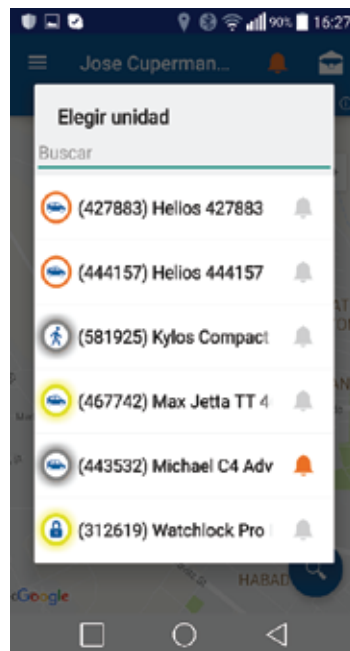
**Easy** to install



# Olympia Mobile App



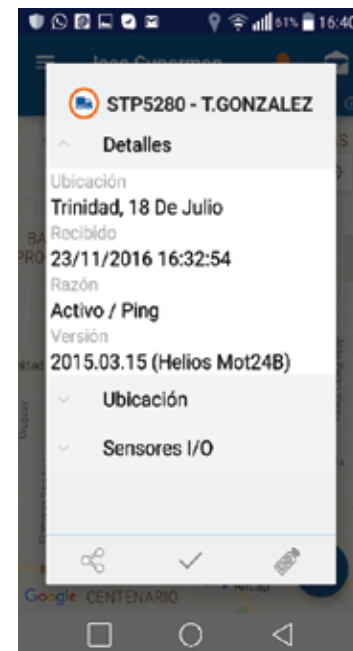
**Options**



**Units**



**Location**



**Details**



**Receives alerts in real time**

**Visualization of the location of the fixed assets or in motion**

**Gives all the details of each active device by**

**Viewing the list of notifications**

**Displays details and location of each notification**

**Notification Settings**

**Historical reports per unit**

**Compatible with devices with IOS or Android system**

# HELIOS TT

> **Real-time solutions for fleet management, protection against theft and security systems**



Autonomous units

Quick and easy installation

Events configuration

Audit log

Geofencing

Accelerometer

Information in memory

Roles and Authorizations for users

System based on the web

Multiple languages.

Starcom Systems is a leading global company, specializing in advanced automated real-time systems for remote tracking and management of vehicles, containers, assets and people. All systems are characterized in strength, stability and continuous performance.

Starcom Systems is publically traded on the AIM Market of the London Stock Exchange, conforming to the highest and most strict regulations in the market, proving its stability and reliability.

Starcom's systems provide a complete solution, consisting of innovative equipment and unique software. Thanks to the user-friendliness of the system, it provides useful and effective solutions, based on each user's settings and requirements.

With more than 15 years of experience and expertise, Starcom Systems distributes and sells its products through 110 technology partners and independent operators in more than 53 countries, and its application operates in 32 languages. As a global company, Starcom Systems' products include certifications from all the leading standards in the world, including E 24 certification, Safety certification, EMC test certification, Tuv-Rheinland certification and more.



## Certificate ISO 9002

Products tested in the field  
with global certification  
(TUV, FCC, E-24, and EMC)

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