



Tracking and monitoring system for dry and reefer containers, ideal for cargo management

# Tetis R

**Tetis R** is the ideal solution to ensure safe delivery and maintain the condition of your cargo, from the moment the container is sealed and until it's opened when reaching its destination.

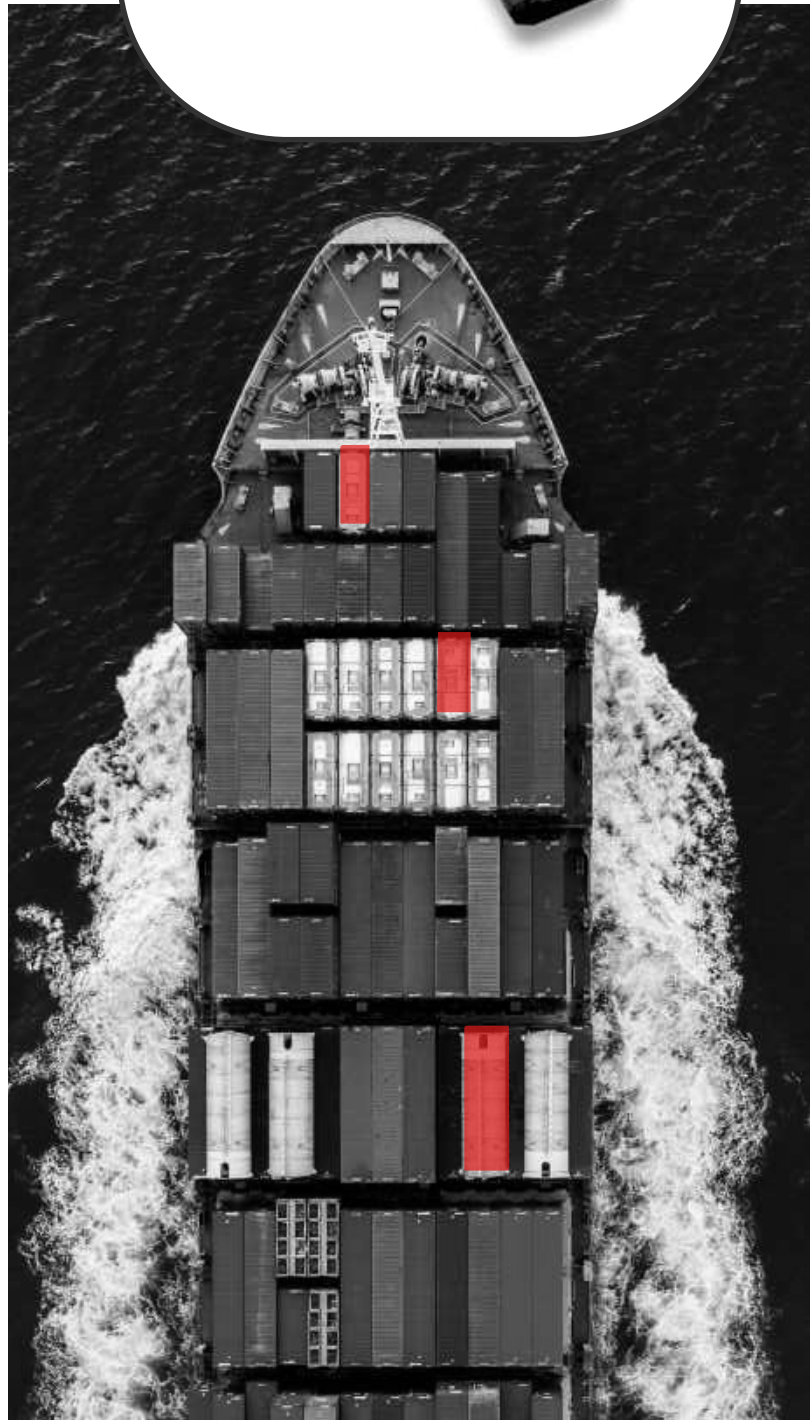
**Tetis R** provides you with detailed information in real time when cellular connectivity is available and provides detailed after the fact reports, including full log of the container's journey.

**Tetis R** - monitoring every aspect of your cargo:

- Monitors location, impact, container loss and theft
- Easy installation on container's door hinge
- Cellular engine (3G) and GPS/GLONASS pinpoint exact location
- Accelerometer and light detectors provide an immediate alert with any irregular event: accident, damage, attempted break-in and unauthorized container door opening
- Temperature and humidity sensors detect any deviation from temperature and humidity ranges – in real time to assure cargo's quality

Offering complete management solution with t42 Online web-based application and Olympia Tracking mobile application.

- Tetis Unit: Cellular + GPS (built-in antennas)
- Built-in Sensors: Light, temperature, humidity Accelerometer
- Buttons: door, operation



# Tetis R

Product description:

## Main Specifications:

Supply	Voltage	3.7V
Temperature	Operational	-20°C to +60°C
	Storage	-40°C to +85°C
Operating Humidity	Up to 90%	
Measurement	40 x 25 x 4 cm (15.7 x 9.8 x 1.6 inch)	
Cellular Communication	HSDPA/HSUPA	800, 850, 900, 1800, 1900, 2100
	Optional Modems	LTE
	Antenna type	Built-in (concealed)
	Data channels	SMS & TCP/IP
	Protocol	Propriety – encrypted
Location	Type	GPS, GLONASS (optional)
	Time to First Fix (TTFF)	2 sec (hot start)
	Positioning Accuracy	10m CEP (50%)
	Antenna type	Velocity: 0.2m/s (50%)
		Built in (concealed)
CPU Capacity	Static RAM	128 Kb
	Nonvolatile memory	34 Kb
	Flash Memory	2048 Kb
Sensors: Temperature	Range	-45°C to +125°C
	Accuracy	± 0.2°C
Relative Humidity	Scale	0% to 100%
	Accuracy	± 1.8 %
Accelerometer	Scale	± 8g
	Accuracy	± 2.5%
Light	Resolution	0.025 LUX
	Sensitivity	0 - 104,448 LUX (Sunlight)
Inputs	Push-button	1
	Door Switch	1
Battery Pack	Type	Li-Ion
	Capacity	4500 mAh (Tetis unit)
Power Consumption	Sleep/Idle	0.05mAh
	GPS only	75 mAh
	GPRS only	100mAh
	GPS and GPRS	165 mAh
Access Port	Type	TTL