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TDC-1903

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Product Information

TDC-Combo SAT/GSM 16903

Equipped with both Satellite and GSM Modem TDC-Combo allows reliable, secure two way communication everywhere, at any time. It meets optimally the special requirements for centralised monitoring, controlling and surveillance of mobile, high-cost assets (e.g vehicles, trucks) in remote areas which are not covered permanently terrestrial GSM net.

It's automatic GSM/SAT Switch Function leads to high cost-efficiency due to reduced airtime cost. TDC Combo is especially designed for the use under severe environmental conditions, it can be installed easily, due to its light and portable size even at places with limited space.

Typical applications are:

- Distance Monitoring
- Critical Point Detection
- Field Service Cost Saving
- Vehicle Monitoring
- Alarm Monitoring



TDC-16903 Combo SAT/GSM Terminal

Technical Data

Technical Data:	*Optional Upgrade
Overall Dimensions (mm)	110 x 90 x 46
Connectivity Ports	RS232, Digital I/O*
Power Requirements	10-36 V
Power Consumption	Max 2A
Operating temperature	-10 to +70 Degree Celcius
Terminal Setup	RS232 Programming, Remote Programming
Conformity	95% RH
Memory	More than 20,000 readings
Services	GPRS/GmPRS/SMS

Satellite Communication	
Service Band	L-Band
Transport Protocols	Propriety Encryption
Latency	Programmable
Certifications Satellite	Thuraya Certified
Frequency	RX: 1525.0 to 1559.0 MHz TX: 1626.5 to 1660.5 MHz
Power	2W Max

GPS Communication	
Sensitivity	-159 dBm (with active antenna)
Accuracy	< 15 m
Start up	Hot Start < 3 s Warm Start < 35 s Cold Start < 35 s
Channel	Supports 20-channel GPS

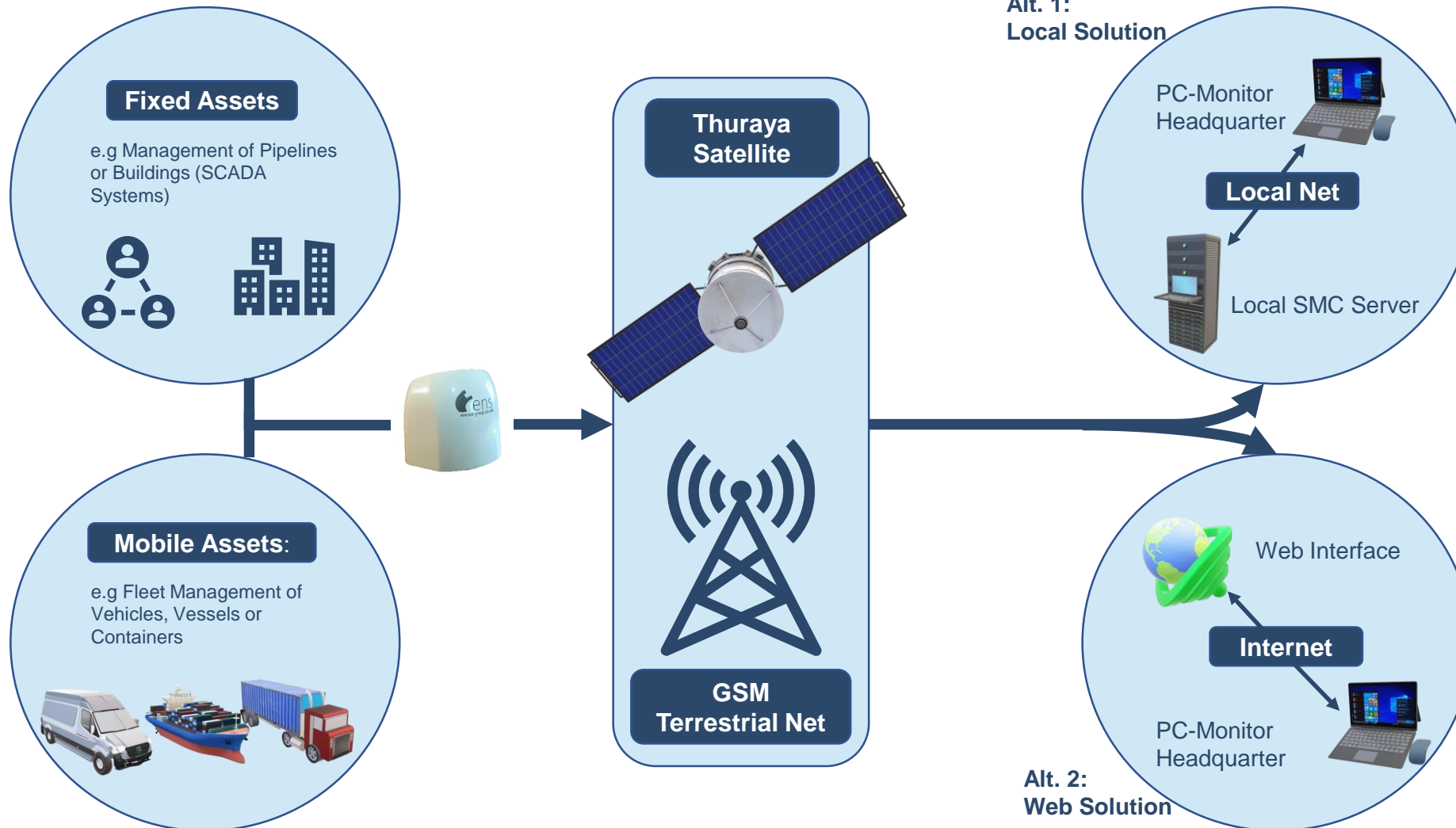
Features
2 Way Message System
Remote Programmable
Panic button
Auto Switching GSM/GPRS and Satellite/GmPRS
Battery Backup* with over 3 Hours autonomy depending to frequency of the transmissions
Incl. Antenna
Geofence*
Two digital inputs for monitoring

Other Add-ons
Cable Length 3 Meters as standard
15 Meters cable*



TDC-16903 Combo SAT/GSM Terminal

How Does It Work?



SMC Monitoring Software

Using our Intelligent Solution System, gain access with your own personal login

Web Tracker Log On

User:
Password:

Devices

Below shows the accessibility to be able to monitor on the go