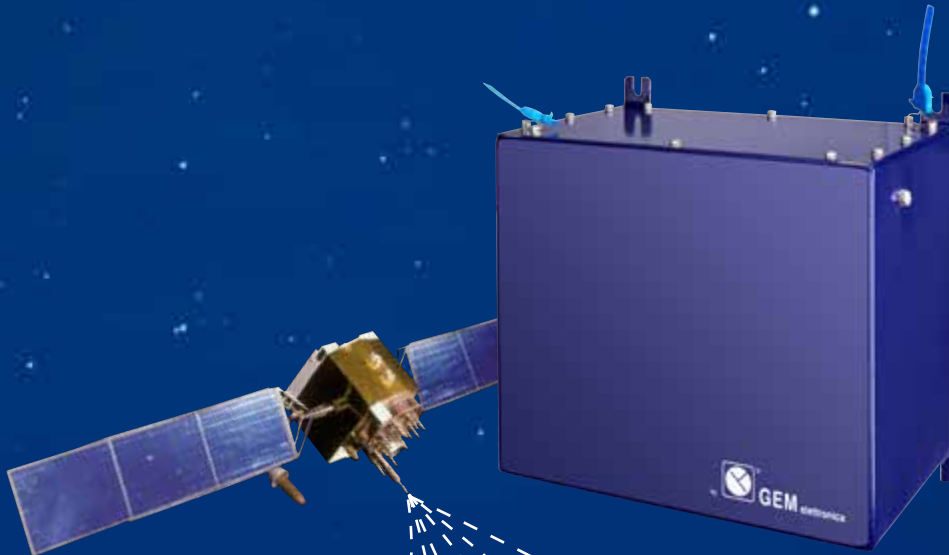




BLUE BOX

FLEET TRACKING SYSTEM



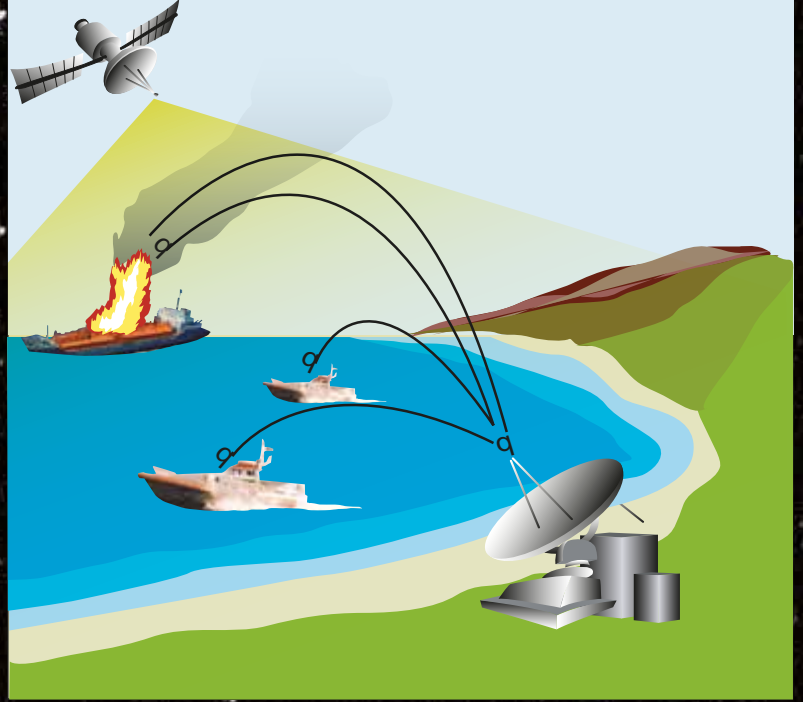
Blue Box Fleet Tracking System provides the ultimate choice for localization and management of mobile units under one or more Control Centers. It can be profiled in accordance with user-defined executive requirements:

- patrolling;
- search and rescue;
- logistics;
- traffic assistance;
- etc....



BLUE BOX FLEET TRACKING SYSTEM INTEGRATES:

- GPS or other satellite-based global positioning system
- High precision, wide electronic map data bases
- Powerful software tools for system management and presentation of data & information
- Virtually unlimited choice of TLC (radio / cellular / Satellite) to connect Mobile Units to the Control Center(s)
- Can cooperate with VTS/VTMIS/Coastal Surveillance Systems



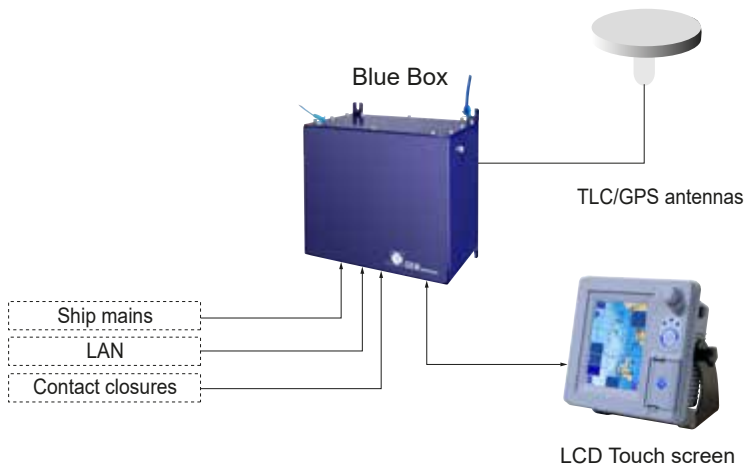
BLUE BOX FLEET TRACKING SYSTEM PROVIDES:

A number mobile units, based on the Blue Box management unit, providing:

- Navigation
- Message dispatching
- Emergency call
- Automatic alarms
- Remote controls by the Control Center(s)

BLUE BOX MOBILE UNITS

The core of the system is the Blue Box unit, proven for air, land and sea environment



- Communications management
- Alarms management
- Command management
- I/O management
- Backup battery management
- Control message management
- Navigation data storage
- "Operational-Report" transmission
- Navigation data transmission
- Remote Control and software upgrades by the Control Center
- LAN interface to other system
- TLC management
- Optional AIS integration

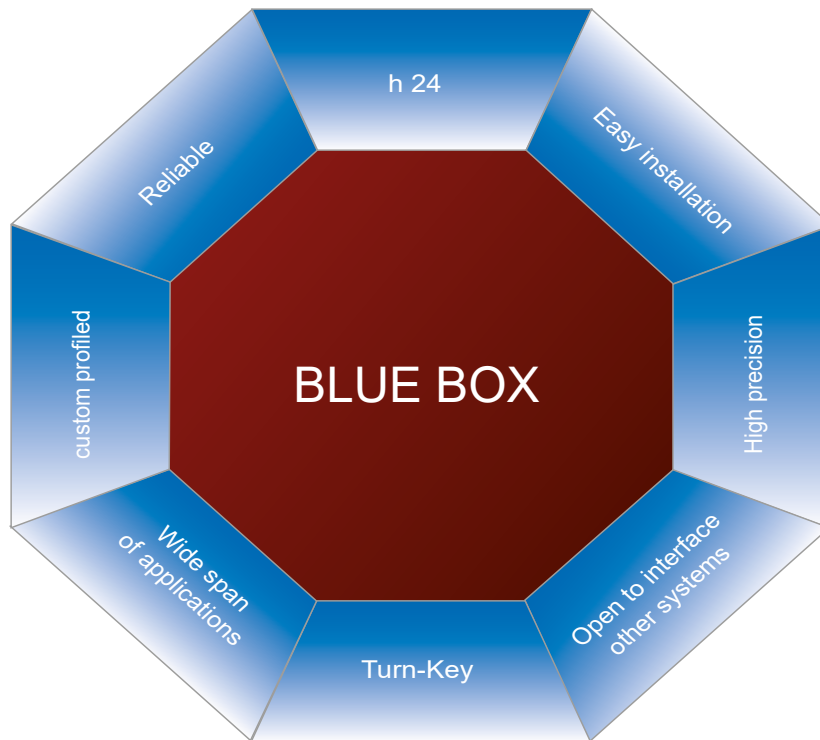
CONTROL CENTER

- Mobile unit representation overlaid on the electronic map of the interested area
- Data processing and representation
- Real time signalling on alarm event issued by any connected Blue Box mobile units
- Software downloaded to each Blue Box
- Remarkable routes/points data base management
- Recording and printing
- Spreadsheet applications can be easily embedded
- Windows O.S. on a powerful workstation
- LAN interface to other system
- Web connection



SOFTWARE FEATURES

- Application module (alarm servicing, route management, text message exchange, etc)
- Data base management module (general purpose information management)
- Graphic tool set and easy user-interfacing
- Customization on request
- TLC management for best channel capacity expected
- Statistics and logistics module (time-to-go and time-to-arrival estimations, data recording and processing, etc.)



- ✓ Improves resources utilization
- ✓ Uses the most updated crypto protocols
- ✓ Facilities effective dispatching and routing
- ✓ Allows vehicle and driver conditions to be monitored
- ✓ Schedules fast vehicle re-displacements, so cutting the time to service thereby to a minimum
- ✓ Facilitates logistics administration and coasting
- ✓ Provider fast, effective service for the public
- ✓ Gives immediate assistance to the driver whenever a criminal act is about to happen, so alerting the Control Center and the Law Enforcement agencies
- ✓ Air, land and sea applications
- ✓ Cooperates with other systems (VTS, etc...)
- ✓ 0648

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Surveillance & Security

Guidance, Navigation & Positioning

Military & Defence

Marine Electronics

This brochure should not be considered a contractual offer to sell. The specifications given herein may be changed by the manufacturer, GEM elettronica S.r.l., without notice.



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