

Comm3-i



World-wide protection by global satellite monitoring and security system

The Guarding system communicates world-wide between the monitored object and the central office via the INMARSAT D+ satellite and instead of the traditional methods via GSM or SMS

Every user of GSM/SMS is aware of the frequent reception and coverage problems that make global monitoring and the protection of mobile objects impossible to guarantee.

Our message transmission via INMARSAT D+ ensures a constant world-wide and cost-transparent connections.



The Functionality

High level security as we understand it

By combining the technologies of the satellite ground station "station 12" of Dutch Telecom and INMARSAT, we enable world-wide control and point-exact detection of objects. Not only is the geographical position of an object transmitted, but up to 64 freely programmable functions, e.g. status messages, can also be sent, around the clock.

Non-standard data, instructions and messages can also be transmitted to the Comm3-i – by the way, the size of the box is no larger than a CD ROM Drive.

This technical innovation is unique in the market. The application possibilities are almost unlimited.



Advantages

The global Guarding system was developed in co-operation with scientists and specialized engineers.

The cryptographic equipment of the system is the FK&S Comm3-i.

During the development the following goals were set:

- World-wide availability**
- Highly reliable and timely transmission**
- Continuous monitoring**
- GSM independence**
- Economical solution for the user**
- Simple and user-friendly hard- and software**

The system completely fulfils these goals. Today the features of this system make it a true innovation, as none of the contemporary systems available offer all of these features in one solution. The fundamental advantage of this satellite-based communication is that it offers a global presence, whereas all other forms of communication suffer from limitations in spatial and/or temporal availability.

