# Standard BC3

SBC3 - the robust GSM/GPS AVL solution
with maximum flexibility

**SBC3**

.

## Technical Parameters:

- **IP65 housing**
- **Internal screw terminals (optionally pluggable)**
- **1x RS232 port for peripherals**
- **2x digital inputs**
- **1x analog input**
- **1x digital output**
- **3-level watchdog**
- **Status/diagnostic LED's**
- **Software upgrade over the air (DOTA)**
- **Full set of telematic feature configuration**

## Power Supply:

- **LiPol. battery backup**
- **7 to 32V input range**

## Temperature Range, Certificates:

- **Temperature range -30°C to +75°C**
- **E-certification**
- **Made in Germany**

## Optional Features:

- **1x CAN-Interface (FMS support)**
- **1x RS232 port for diagnostics**
- **1x1-Wire® interface**

Flexible installation:

- Internal screw terminal allow project specific I/O functionality
- Up to 1mm² cables can be connected
- Project specific cable specification possible (type, length, colour, …)

- Configuration parameters (examples):
- Event reporting  (time, distance, direction, ignition, etc.)
- Provider list with roaming pre-selection
- Flexible I/O configuration
- Optimized for log book functions with very accurate mileage counter

Event messages contain information about (examples):

- Position with time stamp
- Message type (e.g. direction change) with time stamp
- Mileage counter
- Speed
- Maintenance and service data (number of satellites, voltage value)
  .

Project specific variants & options:

- Internal antennas for outdoor installation
- CAN-interface with FMS-protocol
- Project specific protocol implementations
- Additional 2 digital inputs
- Additional 1 analog input
- .Additional 1 digital output
- +5V voltage supply for peripherals
- Internal GSM/GPS antennas

Application segments:

- Automated Vehicle Location (AVL): fleet management, construction machines, public transport organization
- Security Tracking: trucks, trailers, construction machines

## Use of SBC3 for Telematic Services

Telic protocol integration:
Telic discloses the communication protocol to customers who develop their own control center software. Under NDA Telic provides all information to integrate Telic products into the telematic solution. Within our partner programme we offer trainings, tools and support through the whole integration process.

Telic Protocol
GPRS TCP/IP

Internet

IP Server/Tracking Center
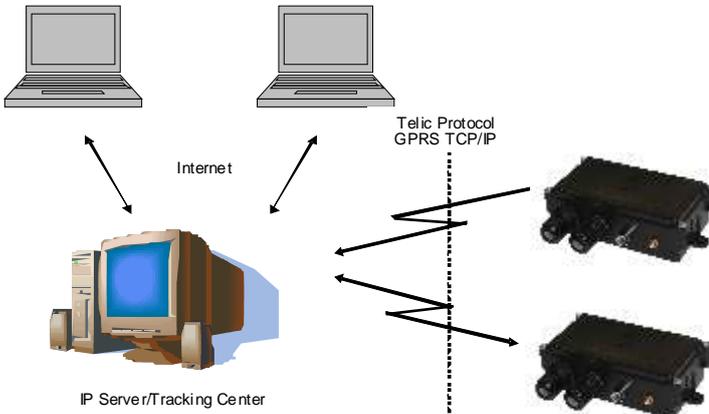
Use of existing control center solutions from Telic partners:
Telic works together with a wide range of telematics service providers, which have successfully integrated the Telic protocol. Depending on the required telematics service (e.g. fleet management, asset tracking, personal tracking, etc.), we can find the right partner for your needs. Please contact us for further information.

## Configuration and Diagnostic Tool

Telic's PC-based configuration tool supports the solution partner during the integration process and offers features such as:

- Direct connection via RS232
- Configuration of all relevant parameters
- Display of current status
- Trace and monitoring of device status
- Diagnostic of the device
- Software download to the SBC
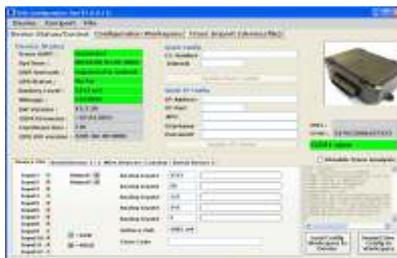
## Available Accessories

- Product package contains: **GSM/GPS combo antenna, automotive connection cable, mounting material.**
- Different antennas like **separate GSM and GPS antenna** on request
- **Cigarette lighter charger** on request

## About Telic

Telic is a leading German supplier of telematics and telemetry products. Based on the core technologies GSM and GPS, Telic develops and manufactures high quality products, designed to be used in industrial and automotive environment. Telic's strong partnership with GSM and GPS module manufacturers secures the competitive edge in GSM, GPRS, UMTS and GPS technologies.

By using a platform concept, Telic is able to react flexible and fast to customers' requirements. This leads to cost-efficient solutions for system integrators and solution providers.

## Telic Product Portfolio

- **STD32 and STD35** are the cost efficient base for telemetry applications, providing a ready-to-start hardware with flexible configuration options of the embedded software.

- **Professional BC** is the professional GSM/ GPS tracking unit for fleet management and AVL projects with a wide range of I/Os, CAN bus and RS232 port options.

- **Picotrack** is a very small and compact GSM/GPS tracking and alarming device for security applications as well as tracking of people and goods.

## How to contact us