



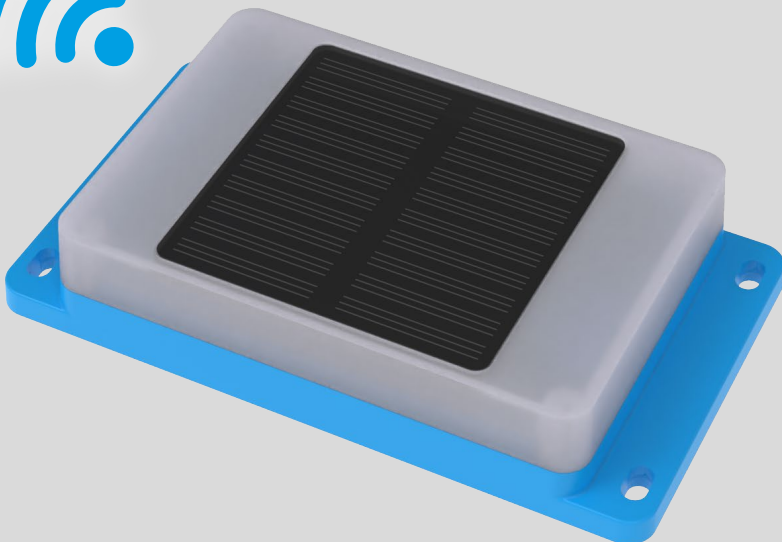
BLUMENBECKER

WE DELIVER SOLUTIONS

AUTOMATION TECHNOLOGY ENGINEERING INDUSTRIAL TRADE INDUSTRIAL SERVICE **TECHNICS**

# BB SMART TRACK

## smart, small, simple



# Why are we developing a new tracking unit like this?

The market demands a small and affordable tracking unit. In addition to our premium tracking unit, we offer an affordable alternative with „BB Smart Track“.

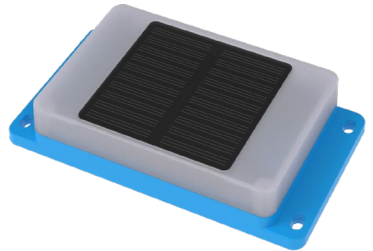
| Thanks to continuous solar charging, an optimised battery and cyclical data transmission (GPS, geofencing), the tracking unit is highly efficient.

| NB-IoT/CAT-M1 is used as the standard in many regions

| Possibility to connect external sensors such as ULD charge/discharge, defect/intact

| API interface to make all data available for external fleet management systems

## Hardware Specification



| NB-IoT / LTE Cat M1 Modem with integrated GNSS

| 2.4 GHz Modem for IEEE 802.15.4 or BLE (for indoor tracking and wireless sensors)

| Motion Sensor (for wake up)

| 6x6cm solar panel & 5Ah rechargeable battery

| LEDs for user signaling

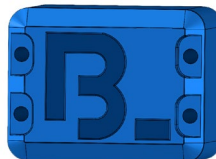
| IP69 housing with (l x w x h) 120 x 68.5 x 22.5mm

## External Hardware Specification

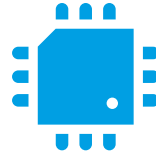
| Load-Sensor for ULD-Loading

| Defect/Intact

| Other Sensors



# Firmware Specification



- | Over-the-air update
- | Remote configuration of all parameters
- | REST Interface for data upload
- | Movement detection for GPS trigger
- | Message Buffer while offline
- | Flexible sensor adapter (temp, humidity, etc)
- | Different settings according to battery level

# User Backend Data Features



Blumenbecker runs data backend:

- | Device Status
- | Position and Sensor Data
- | REST API to make all data available for external fleet management systems
- | Access Management / User Management

# Admin Backend Data Features



Blumenbecker runs admin backend for:

- | Firmware Updates over the air
  - | Pre-defined config sets for each customer
  - | SIM / Data Management
-

# PRODUCTS AND SERVICE FROM A SINGLE SOURCE.

Blumenbecker has been developing and building technology for airports for over 30 years. Thanks to this experience, we are able to understand your requirements and build the product that best suits your processes.

## **Our airport ground support equipment**

- | Luggage and cargo trailers
- | Dollies
- | Aircraft stairs
- | Airfield Special Equipment

**Blumenbecker Technik GmbH**, Bahnhofstraße 11b, 06246 Bad Lauchstädt, Germany  
T: +49 34636 714-0, F: +49 34636 714-29, [bt@blumenbecker.com](mailto:bt@blumenbecker.com), [www.bt.blumenbecker.com](http://www.bt.blumenbecker.com)