



BLUMENBECKER

WE DELIVER SOLUTIONS

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 „MecSOLAR“, 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



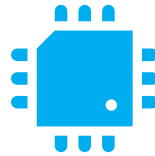
External Hardware Specification

- | 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

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