

BLE Sensors and a dedicated Software. We suggest starting with a full-scale Start Up Kit.

Hardware

Best practice for machine identification and wireless asset tracking/inventory, returnable items like containers.

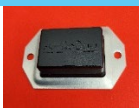
Production control, data collection in logistics, positioning of mobile assets and production parts.

Sensors for motion (e.g. as hour meter) and acceleration, shock and temperature, humidity, magnetometer.

Industrial applications: The sensor housings are made of plastic (ABS, PA6, PC-V-0), with and without mounting flange. Color black, white, red, blue.

Fastening with two-component adhesive or double adhesive tape or with screws.

Standard versions, for Start Up ex stock available (in smaller quantities)
... and we will as an option integrate the BLE electronic into your housing!

Type	Description	Dimensions
 Digi-Beacon 16	with integrated NFC function Position, movement with record, push. IP68 for outdoor use, e.g.: in the construction industry	45 x 33 x 16 mm
 Digi-Beacon 07	with integrated NFC function Position, movement with record, push. IP68 for outdoor use, e.g.: in the construction industry	45 x 33 x 7 mm
 BC-Montageplatte	for digi Beacons, made of aluminum or stainless steel The mounting plate can also be larger to be used as a nameplate.	70 x 45 mm
 EYE-Beacon	Position, Motion, Magnetometer	67 x 39 x 12 mm
 EYE-Sensor	Position, Motion, Magnetometer, Temperature, Humidity	67 x 39 x 12 mm
 EYE-Beacon ATEX	Position, Movement, Magnetometer, with ATEX Certificate Intrinsically Safe Zone 1	67 x 39 x 12 mm
 EYE-Sensor ATEX	Position, movement, magnetometer, temperature, humidity, with ATEX certificate intrinsically safe Zone 1	67 x 39 x 12 mm

Software

The BLE tags (assets) can be managed in the **web-based application**,. Tabular **reports** display inventory, status, and tracking data. Data can be sorted, filtered and exported.

KPIs are displayed on the dashboard in the form of figures or graphics. The numerical representation and the graphics or parts of them are interactive and are linked to the reports.

Interfaces to any ERP or other systems for data exchange can be implemented in a project-specific and cost-efficient manner.

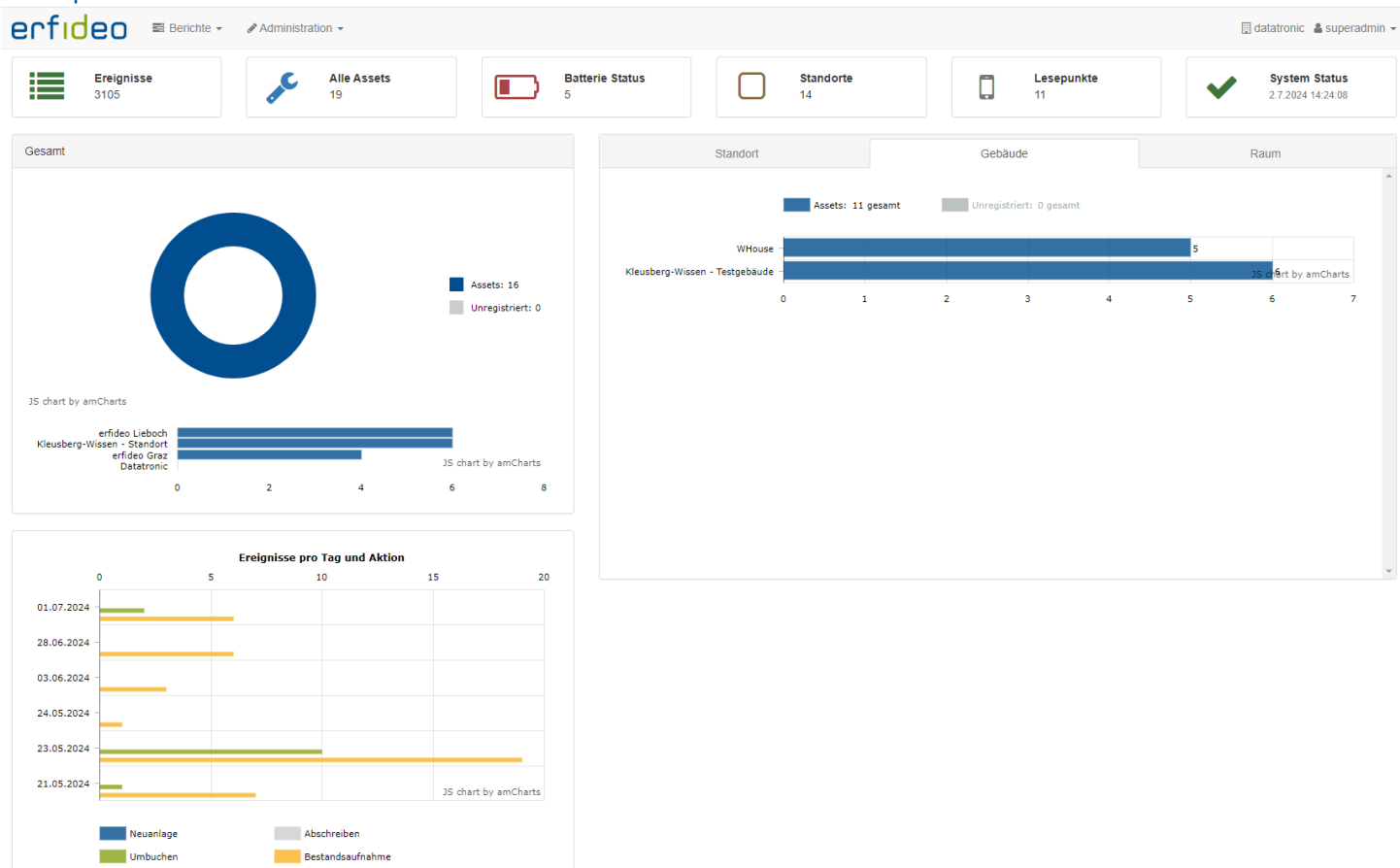
One method for this is state-of-the-art RESTful Web Services with JSON encoding.

Software is provided as Software-as-a-Service (SaaS) as a **cloud solution** , but can also be installed on the intranet.

In addition to your assets (with the sensors and beacons), the locations (a multi-level hierarchy can be configured), the collection points and the users with their rights in the administration of the solution are managed.

For checking and configuring beacons but also for process-relevant use cases (e.g. new recording, inventory entry, reposting, assignment of product data or creation of handling units, ...)
an **application for smartphones and mobile industrial handheld readers with Android operating system is available.**

In cooperation with erfideo:



Start Up Kit

If you see some applications in your company, please let us know and we will suggest to you a set of hardware and software for a trial or POC.

Why DATATRONIC?

We produce BLE sensors, preferably in your housing, in Europe, in small or medium batch sizes, which allows us a high degree of flexibility and the fast implementation of your requirements.

DATATRONIC has been involved in AutoID and IoT technologies for more than 30 years.
We would be happy to share our knowledge and experience with you so that we have both benefits.

Please do not hesitate to contact us.

Mit freundlichen Grüßen
With best regards



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[DATATRONIC CATALOG RFID Hardware for innovative Systems](#)

Es gelten die "Allgemeinen Lieferbedingungen" und "Softwarebedingungen"
herausgegeben vom Fachverband der Elektro- und Elektronikindustrie
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DATATRONIC Portfolio

www.DATATRONIC.eu

... Interested in identification of: people, animals, vehicles, machinery, tools, (mobile) assets?
Then you will find the necessary components, hardware, software, and examples:

www.SpritControl.com

... Authorized refueling with fully automatic recording:
Which vehicle was refueled when and where how many liters.

www.TagTrans.com

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- a perfect **RFID reader / writer and 2D bar code imager** (eg.: QR code)

www.ScanGate.eu

"IOT Internet of Things" and transparency:
capture position, temperature, motion, shock and more and for interaction with eg: smart phones use (applications from production 4.0 to personal advertising)