

# FAQs: Asset tracking with Bosch.IO for the automotive industry

As a result of our work with automakers and suppliers, we frequently receive questions about asset tracking and our smart tracking solution [Track and Trace](#).

We have summarized the most frequently asked questions for you below.

## Your questions on asset tracking with Bosch.IO

### **How does the tracking solution from Bosch meet the needs of the automotive industry?**

At Bosch, we are well acquainted with the challenges of the automotive industry. Our Track and Trace solution combines this know-how with our logistics expertise: Our smart tracking solution was developed by experts with years of experience in complex supply chains, automotive logistics, and beyond.

Track and Trace can be easily integrated into your processes. A solutions architecture comprising asset tags and centralized gateways can be quickly installed on-site and put into operation (plug and play) This setup offers a cost-effective solution that allows you to connect a large number of assets (>500,000). In addition, our solution is independent of the existing IT infrastructure, obviating the need for a complex integration process.

Our robust hardware has a service life of over eight years and covers a vehicle generation without hardware replacement. It is also suitable for outdoor use without a power supply.

We work closely with partners from the automotive industry and continuously update our solution to meet new requirements.

## What does the tracking solution cost?

There is no standard answer to this question. The costs for an end-to-end tracking solution are dependent on several factors. Before you get started with a tracking project, you should clearly define your use case. Among other things, the following questions play a key role:

- Which parameters would you like to track (e.g. position, temperature, shock, humidity)?
- Would you like to track in real time or will a status update at specific intervals suffice?
- Which hardware is best suited for your use case?
- How many assets would you like to monitor?
- How long should the contract run?

We can help you find the solution setup that best serves the purpose of your use case. We work together with you to calculate the costs of your business case, including the return on investment (ROI). Get in touch with me directly to discuss your needs in detail.

## How long can the hardware be consistently used in the field?

The life cycle of our sensors and gateways is over eight years. Automakers can therefore track their assets over the course of a vehicle generation (typically seven years) without changing the hardware.



### Do you have additional questions?

Feel free to contact me directly.

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## **Is the Bosch solution also suitable for large-scale asset tracking projects?**

Track and Trace is also being used by large automakers that manage over a million load carriers and hundreds of users and locations.

Moreover, our tracking solution has multiclient capabilities. This allows you to set specific access rights and other permissions for individual plants or partners.

## **What reporting functions does Track and Trace offer?**

The web application of Track and Trace provides several different preconfigured dashboards. You can customize these dashboards to meet your requirements, allowing you to have an overview of the following aspects at all times:

- ✓ Overall productivity
- ✓ Inventory
- ✓ Turnaround time
- ✓ Losses
- ✓ Transport time
- ✓ Asset network

You can find more details and screenshots on our [website](#).

## **Can the data from Track and Trace also be made available in other IT systems?**

All data captured by Track and Trace can also be linked to customer systems such as ERP, WMS, and TMS.

## **What happens if the sensor or gateway is lost?**

Our sensors and gateways can be easily installed and permanently fixed, which explains why our customers have never lost the hardware to date.

## **Will Bosch take over the implementation process or does Bosch work together with partners?**

You can install our solution easily via plug and play. In addition, we provide guides for installation. An implementation partner is therefore not necessary.

## How do you deal with white spots?

Data can only be transmitted in areas with cellular network coverage. If no cloud connection is available, the gateways buffer the data and transmit it at a later time.

Stay up to date on the latest asset tracking topics!



Track and Trace: [Our solution](#)



[Asset tracking for the automotive industry](#)



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