

SMART LOGISTICS CONNECTED WITH THE FUTURE – IOT SOLUTIONS FOR LOGISTICS



Deutsche Telekom and its IT subsidiary T-Systems have been partnering with logistics companies for more than 20 years now. Projects successfully implemented during this time period include, for example, SAP transportation management and real-time information for transportation management with analytics. Deutsche Telekom has developed practically oriented, needs-based IoT solutions specifically for digitization of the supply chain.

KEY FACTS:

- A broad portfolio to support logistics needs
- Customers can automate their processes using the IoT Service Button
- Real-time information about necessary documents and measurements for transporting assets with the Digital Label & Goods Tracking solution
- Low Cost Tracker, Shipment & Asset Tracking powered by Roambee, and Asset Tracking are various tracking solutions to meet all needs
- Companies can optimize access for rapid delivery with Mobile Identity & Access



LIFE IS FOR SHARING.



IOT SERVICE BUTTON

Repeat orders, next steps, or various services can all be initiated via notification of the IoT Service Button. The back channel instantly sends a confirmation „order acceptance“. The IoT Service Button functions via plug and play, enables simplification of logistics processes, and increases security while also saving time and money.

DIGITAL LABEL & GOODS TRACKING

The digital freight document enables worldwide localization and condition monitoring (shocks, falls, temperature) of transported goods as well as dynamic display of accompanying documents on a robust and break-proof energy-saving display. In addition, it is equipped with sensors for measuring the condition and localization (inside and outside) of the transported goods. Administration and monitoring are performed from the cloud. Documents can be imported into Digital Label & Good Tracking via cloud and displayed on the screen.

LOW COST TRACKER

A simple, disposable IoT device equipped with sensors transmits location and temperature data on goods during transport. If the goods deviate from the specified route, the system immediately sends out an alarm.

ASSET TRACKING

The Asset Tracker can be easily affixed to goods, enabling automatic determination of their position anywhere around the world. Customers know in real time where the objects are currently located. This relieves the administrative burden for companies, helps them prevent costly losses, and optimizes factors such as device utilization.

SHIPMENT & ASSET MONITORING POWERED BY ROAMBEE

The small, reusable tracking devices known as “Bees” can be affixed to all kinds of sensitive freight. The dashboard tells customers where their freight is currently located and if it has been subject to heat, moisture, theft, or manipulation. They benefit from full transparency and early warnings to prevent damage or theft quickly.

MOBILE IDENTITY & ACCESS

Mobile Identity & Access digitizes access. Customers determine centrally who receives access when and for how long. Via smartphone app, the driver is sent a digital key that can open specific rolling doors, closets, or even vehicles (i.e., for in-car delivery).

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