

BEE EFFICIENT!

The Internet of Things
for logistics

T-Systems



Enabled by



**DON'T WAIT,
START NOW!**



Trace the end-to-end lifecycle of your products – from raw materials to finished goods

Always know the location and condition of the goods

Device Tracking & end-to-end assets goods monitoring

Minimize transport risks

Improve fleet performance and condition tracking through the latest IoT solutions

THE INTERNET OF THINGS FOR LOGISTICS

Inspired by the power of the Internet of Things (IoT), Deutsche Telekom, SAP and Roambee, are joining forces to deliver a comprehensive, low-cost solution.

It provides tracking devices, connectivity, business application software, device monitoring and customer service & support.

Together, we will help you deliver the right products as expected – from the supplier, to the manufacturing plant, to the warehouse, and, ultimately, to the store floor.



WHAT IT IS



roambee

**DEVICE TRACKING &
E2E ASSETS GOODS
MONITORING**



**HIGHLY SECURE
GERMAN CLOUD,
CUSTOMER SERVICE
& SUPPORT**



APPLICATION SOFTWARE

SAP Vehicle Insights
SAP Connected Goods
SAP Global Track and Trace
SAP IoT Application Enablement
SAP Cloud Platform IoT



Benefit from a fast, simple and complete IoT solution for real-time monitoring

Network visibility

- Reduce bullwhip effects with greater visibility into the status of your connected container pallets and products
- Track internal assets/goods and extend detailed monitoring across all transfers and transport modes
- Deliver contracted service levels by extending end-to-end network visibility to logistic partners

Optimization of the extended supply chain

- Improve fleet performance and condition tracking through the latest IoT solutions
- Enhance supply chain planning with detailed resource data
- Create new opportunities for resource optimization with real-time allocation und utilization

Container, pallet and product level location and condition tracking

- Trace the end-to-end lifecycle of your products – from raw materials to finished goods
- Enhance tracking and compliance across the product lifecycle
- Compete with high-quality customer service by tracking product conditions

PACKAGE OPTIONS FOR END-TO-END LOGISTICS

Monitor outbound logistics and vehicles	Track and trace condition ¹
Option 1: Truck starter	Option 1: Container tracking
Option 2: Trailer starter	Option 2: Pallet tracking
Option 3: Package and parcel starter	Option 3: Product-level tracking

Manage Intralogistics

Option 1: Asset movement in the warehouse
(accuracy within a 3-mile-radius)

Option 2: Asset movement on site
(accuracy within a 5-mile or more radius)

CONVENIENT MONTHLY LEASE MODEL

Device & Connectivity	Monthly lease per unit ²
Bee	€21.22 (500 units) – €15.58 (5,000 units)
BeeFleet	€19.75 (500 units) – €14.50 (5,000 units)
BeeBeacon Ambient Light	€1.76 (5,000 units) – €1.50 (100,000 units)
BeeBeacon Humidity & Temperature	€4.40 (5,000 units) – €3.75 (100,000 units)

¹ With add-on options for temperature and humidity monitoring.

² In the 24-month contract, device and connectivity costs included.
However, application software costs determined by your defined scope.



**BENEFIT FROM
A FAST, SIMPLE
AND COMPLETE
IOT SOLUTION**

JUST GET STARTED

- Know where the freight is
- Reliable time management
- Know the condition of the goods
- Optimize buffer stocks in the warehouse
- Transparency in damage processing

SAP END-TO-END! ONLY FROM T-SYSTEMS

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Release as of Q1/2018. All listed prices are subject to change and availability. Invoicing is based on the ICT services provided/consumed. Type of charge, e.g. basic fee plus variable, usage-based costs or based only on services provided, depends on the service and the agreed pricing mode.