NEXEED
TRACK AND TRACE

Nexeed Track and Trace

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Nexeed Track and Trace

Transparency throughout the supply chain

Nexeed Track and Trace enables shipments and assets to record a “digital travel diary”: products and load carriers not only update the individual stops, but also regularly communicate their location and status to the cloud.

For instance, schedulers can view at any time where the packages are and whether they are expected to arrive on time. In addition, information about temperature, vibration and humidity can also be transmitted.

Transparent logistics supply chain

Connecting the real with the virtual world

Locating goods and assets in near real-time

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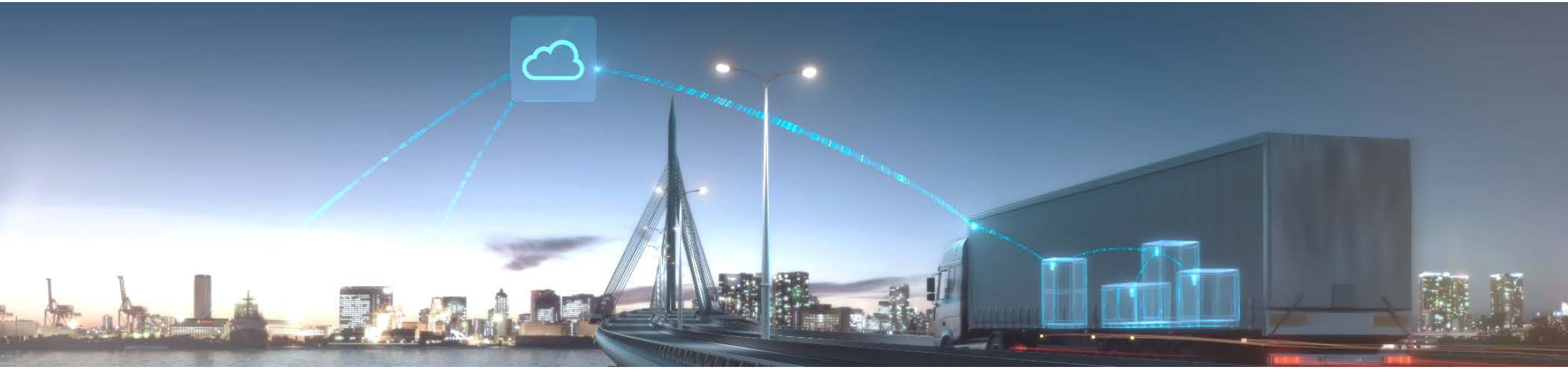
Nexeed Track and Trace
Challenges



Non-transparent
supply chain due to highly complex and heterogeneous processes

Bottlenecks and deviations
are not detected early

No insights
into utilization and loss of containers

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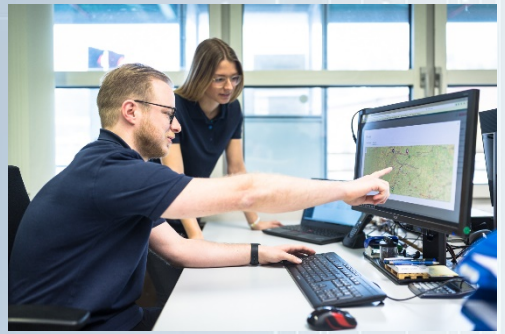
Nexeed Track and Trace
Approach

The software solution digitizes the flow of material from the supplier to the customer

Sensors connect the transported goods or assets, which are then digitally mapped in the system

Data is transmitted in near-real time via a gateway to the cloud, and is used to automate and optimize logistics processes

Transported goods or assets can be identified and located at any time



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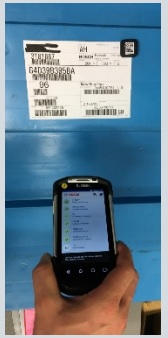
Track and Trace
Solution Overview: IoT Data as a Service for ...

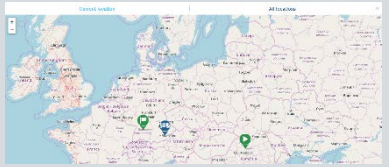
Asset Tracking

- Real-time transparency of logistic assets for
  - improved asset planning, utilization and billing
  - reduction of bottlenecks
  - analysis of losses
- Milestone events for automated booking
- Basis for shipment tracking

Material Tracking

- Efficient and robust pairing
- High-resolution tracking events and reporting
- Traceability of specific shipments
- Milestone events for automated booking
- Condition monitoring of high-value goods (e.g. temperature and shock)





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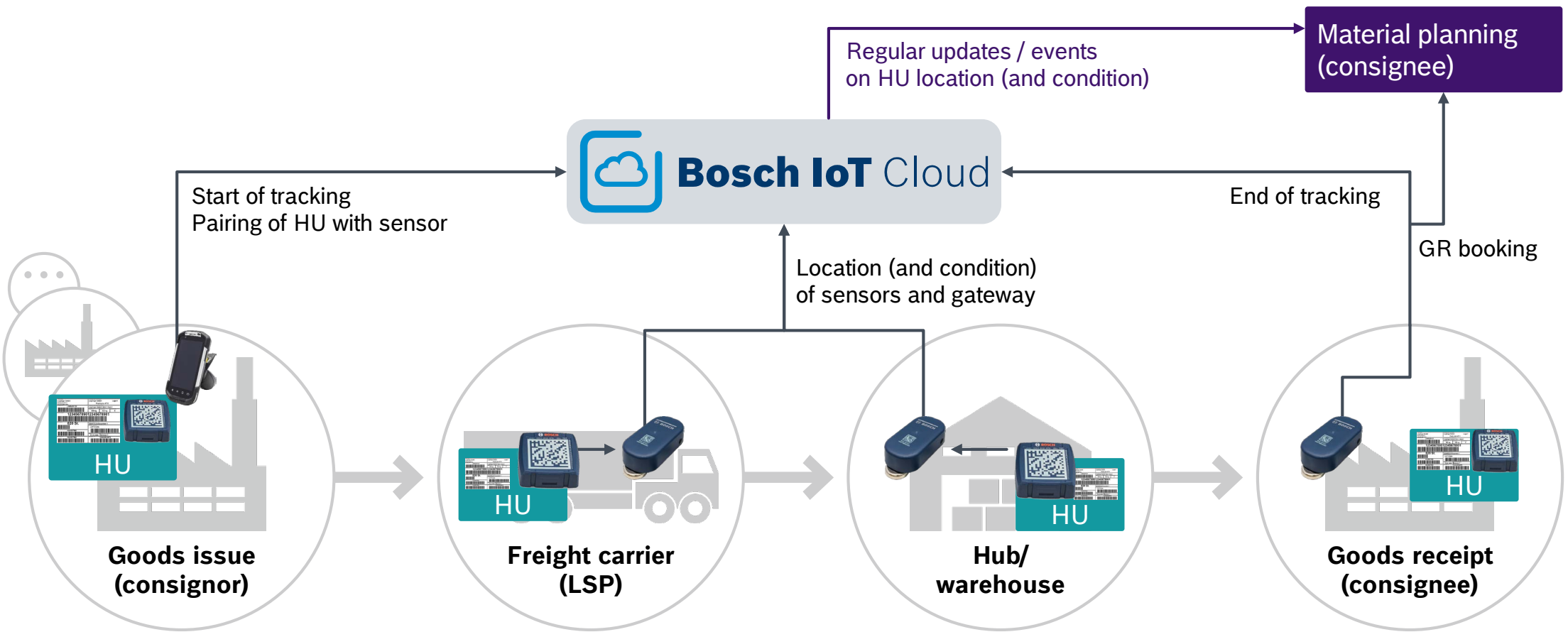
Nexeed Track and Trace
Use Case: Material Tracking



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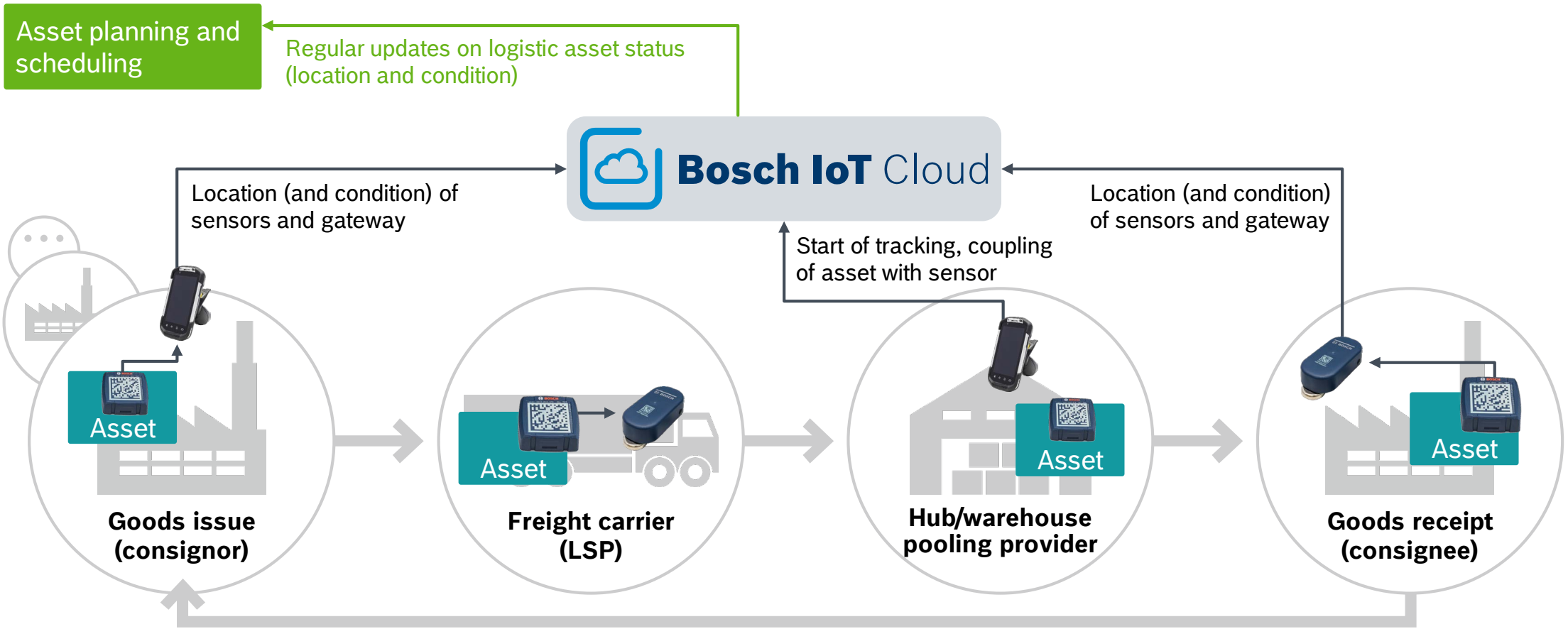
Nexeed Track and Trace
Use Case: Asset Tracking



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Nexeed Track and Trace
Benefits

General

Plug & play implementation with supply chain participants (suppliers, logistics providers) without system integration

Supplied data can be integrated in to existing logistics applications

Material Tracking

Determination of the exact location, condition and integrity of transported goods allows quick response to delays

High potential for automated booking processes

Asset Tracking

Streamlining of internal processes thanks to optimized utilization of loading equipment with regard to capacity, circulation speed and stock

Optimized scheduling and circulation control of assets

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