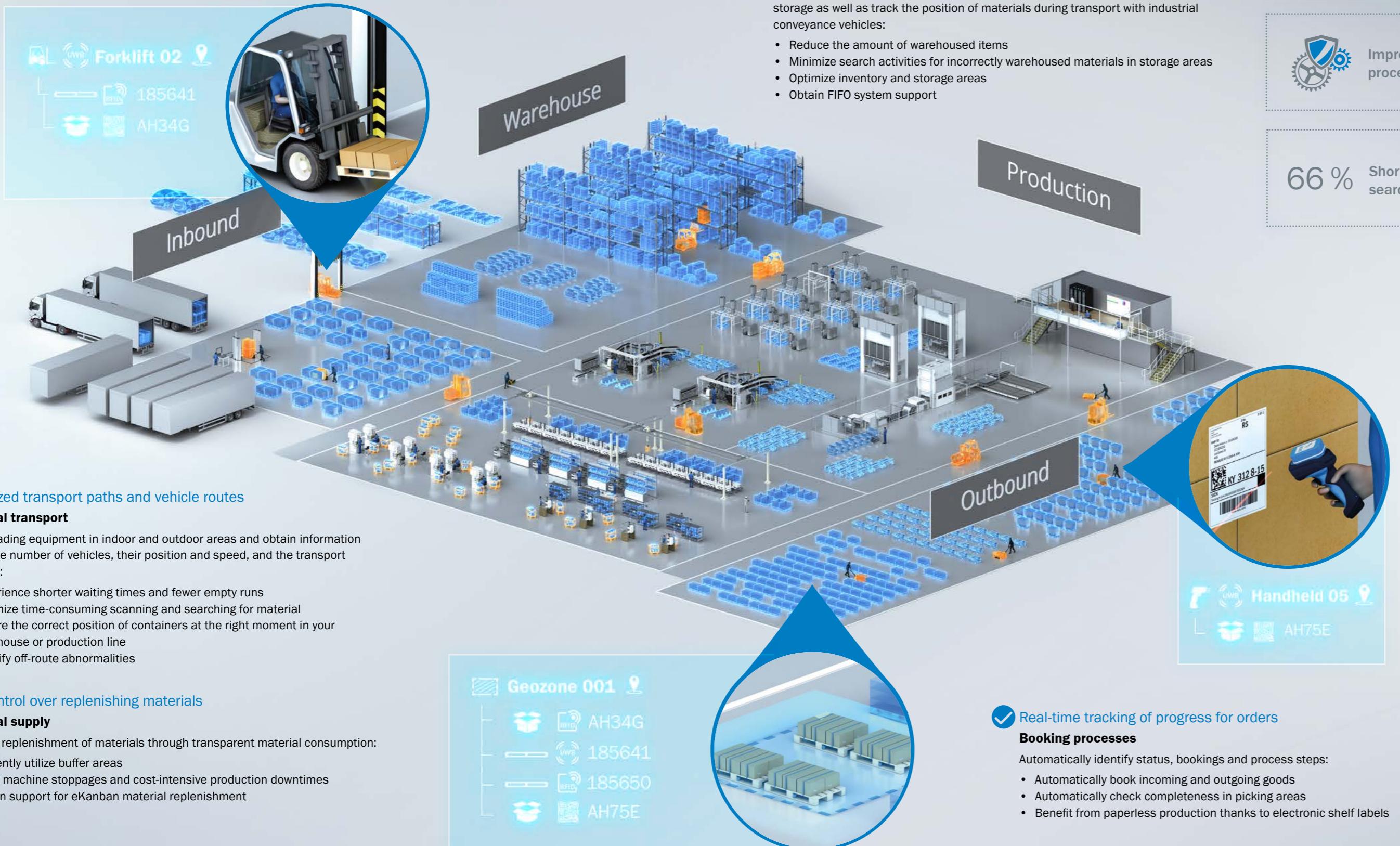


## REAL-TIME LOCATING IN USE

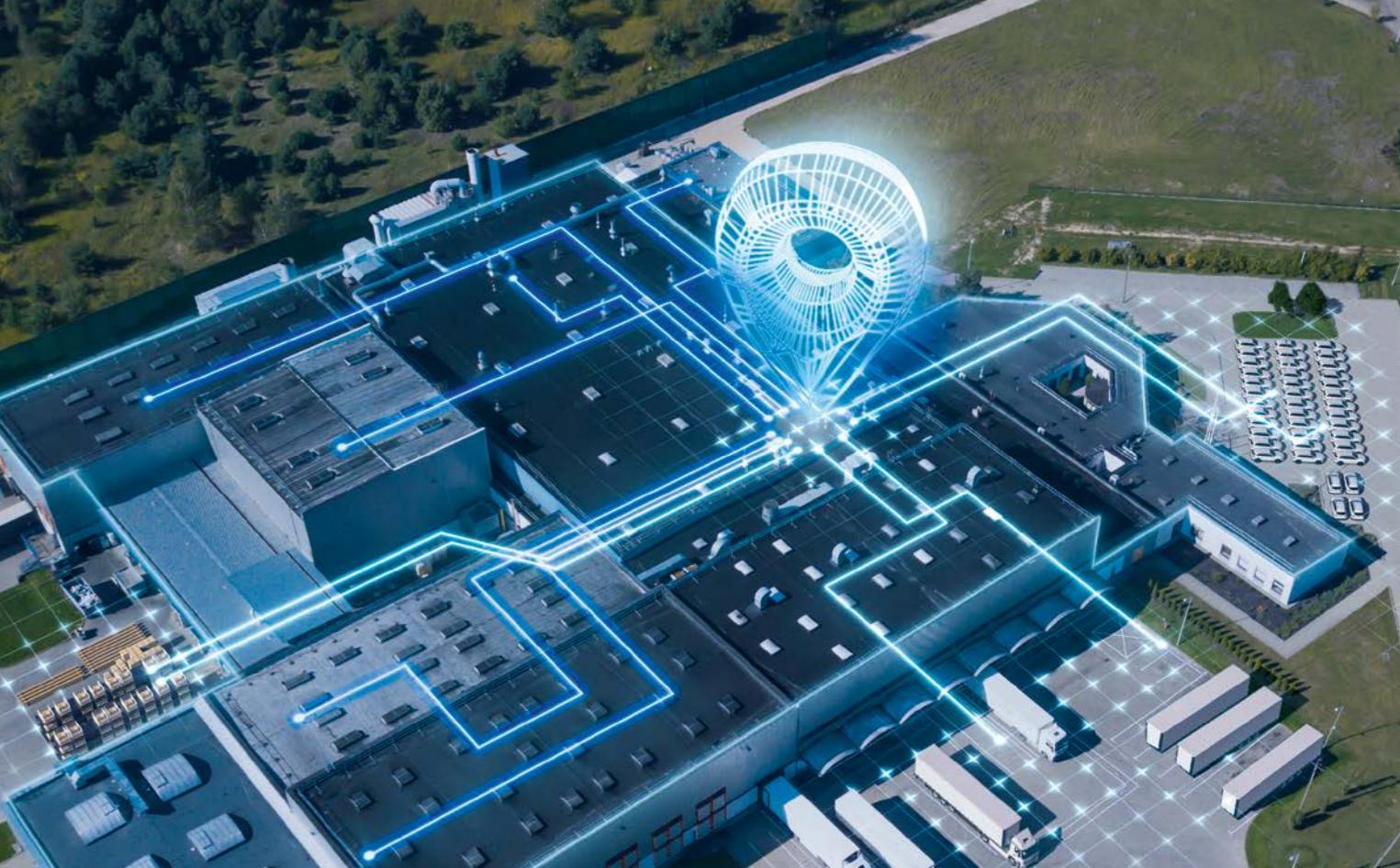
Intelligent material flow management in nonautomated and partially automated areas



10 – 20 %  
Greater overall equipment effectiveness (OEE)

Improved process reliability

66 %  
Shorter search times



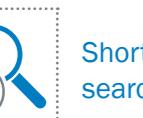
## SEAMLESS FLOW OF MATERIALS BETWEEN WAREHOUSE, PRODUCTION AND DISTRIBUTION

### TRANSPARENCY BEYOND BOUNDARIES

#### Industrial locating solutions

In intralogistics, manufacturing and intersecting areas, processes interconnect and create interdependencies. This heavily impacts a company's productivity and efficiency: Scanning and searching for materials takes time, routing and sequences of movement lack efficiency, leading to material shortages as well as production delays and stoppages.

SICK locating solutions give you the tools you need to monitor the position and movement of materials, loading equipment, and industrial conveyance vehicles and deliver valuable information so you can evaluate and manage the flow of your material.



Shorter search times



Improved process reliability



Greater overall equipment effectiveness (OEE)

**SICK**  
Sensor Intelligence.

## YOUR PARTNER FOR HOLISTIC SOLUTIONS

Benefit from SICK's sophisticated portfolio of software, localization, and identification solutions and reliable service expertise to digitally transform your shop-floor processes.

- ✓ Consulting
- ✓ Project management
- ✓ Product and system support
- ✓ Optimization



### Real-time localization systems (RTLS) over ultra-wideband (UWB)

Tracking and tracing assets uses real-time location-based data to achieve accuracy to the centimeter.

[www.sick.com/Tag-LOC\\_System](http://www.sick.com/Tag-LOC_System)



### Outdoor tracking

Position of vehicles and other assets in outdoor areas is precisely determined on the basis of secure mobile communications technology and GPS modules.

[www.sick.com/Telematic\\_Data\\_Collector](http://www.sick.com/Telematic_Data_Collector)



### Identification solutions

Objects identified using codes, RFID or OCR/OCV for verifying, tracking, and counting objects.



### Location-based solution – seamlessly link OT and IT

#### Location intelligence platform

Our multi-technology software helps you manage the level of automation you want for a wide range of applications:

[www.sick.com/Asset\\_Analytics](http://www.sick.com/Asset_Analytics)



No-code/  
low-code approach

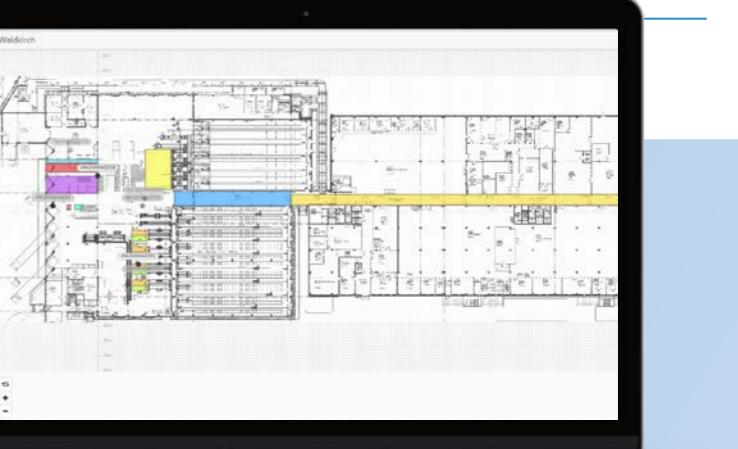
Live map and  
asset monitoring

Standardized  
industry interfaces



### Live tracking

Collect position and condition data through the direct and indirect locating of material and loading equipment in indoor and outdoor areas.



### Digital twin

Use the visual display of recorded data to monitor assets in real time regardless of the technology or manufacturer and derive information about optimization potential for logistics processes.



### Customized automation

Deploy geofencing and manage user-defined events on the basis of centralized data to flexibly automate processes.



### Process mining

Fully record and monitor ACTUAL and TARGET processes throughout the entire supply chain by drawing on log files and movement data from a wide range of operational information systems.



### Real-time optimization thanks to data-based process automation

Hohe Transparenz bei allen produktiven Assets, Ladungsträgern und Ladehilfsmitteln ermöglicht eine agile Planung von Fertigungs- sowie logistischen Prozessen und somit ein Shopfloor-Management.