

INTRANAV End-2-End Asset Tracking

Complete Track & Trace of Your Assets Along the Entire Supply Chain

With the IntraNav End-2-End Asset Tracking, we offer you a future-oriented solution to increase your manufacturing flexibility and give you access to real-time material flow & production insights. The special feature of our solution is that we provide you with a holistic asset tracking system that enables you to track containers, semi-finished products and finished products both indoors and outdoors, throughout the entire supply chain. A precise tracking solution can enable a smooth production process and ensure that the material flow to the assembly workstations is seamless.

Bring your GLTs, KLTs and special loader cycles on the right path with us, achieving the highest level of efficiency in cross-border container management – demand determination, tracking, distribution and transport organization.

Overview of Features:

- ✔ Consistent In- & Outdoor Live Tracking with $\pm 10\text{cm}$ accuracy
- ✔ Scannerless goods receipt & goods issued (AUTO-ID)
- ✔ eKanban (from Push to Pull) & FIFO monitoring
- ✔ Weight and quantity information
- ✔ 2D / 3D geofence based zones and events
- ✔ Notifications and alerts via SMS & Email
- ✔ Temperature, shock and collision monitoring
- ✔ E-Label for paperless production
- ✔ Ressource management & route optimization
- ✔ Customizable dashboards & reports
- ✔ Interface to ERP, MES, WMS and SAP
- ✔ Suitable for special applications $>200^{\circ}\text{C}$ / ATEX



Scanless booking with Auto-ID



2D/3D Location & Navigation ($\pm 10\text{cm}$ Accuracy)



eKanban and Auto-Pull



Analysis and Optimization



Interface for SAP/ WMS/ERP



Alarms triggered by virtual Zones and Geofences

Material and Information Flow in Real-Time

Boost Your CIP

INTRANAV End-2-End Asset Tracking also provides automated, product-aware instrument control and a Poka-Yoke process anywhere in the plant, reducing manual errors, cycle times and downtimes. By identifying and accurately locating process-critical assets, our end-2-end asset tracking provides adaptive control and data-driven insights.

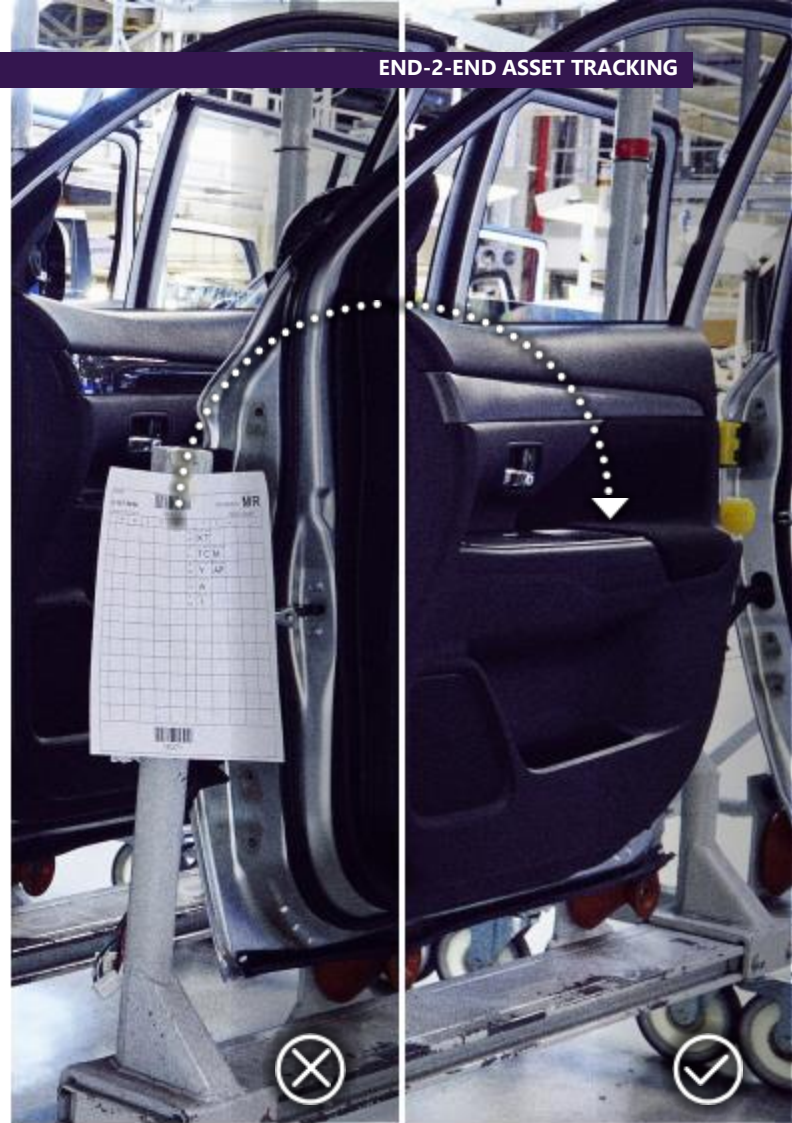
Digitalize Your Load Carrier With a Digital Twin

Benefit from a digital solution that uses modern e-label technology (electronic paper) and save yourself the paper printout of waybills and production orders. Status changes are now automatically transferred and no longer need to be manually corrected.

Additional benefits are the display of production steps, warnings, changed priorities or production parameters.

Increase Your Productivity and Reduce Ongoing Operational Costs With the AUTO-ID Feature

INTRANAV also gives you the option to completely dispense with barcode scans and manual booking steps. By integrating INTRANAV with your ERP / WM system, we seamlessly integrate with your existing IT-landscape.



Without INTRANAV

With INTRANAV

Your Benefits

- + Inventory reduction
- + Create transparency
- + Reduction of manual steps
- + Inventory at a click
- + Dynamic resource control
- + Controllability of complex variant production
- + Reduce search times
- + Increase utilization and throughput
- + Avoid empty runs
- + System-supported KPI optimization
- + Guaranteed productivity gains

Clients



Mercedes-Benz



JOHN DEERE

IntraNav GmbH, Frankfurter Str. 27,
65760 Eschborn, Germany

IntraNav North America, 77 City Centre Dr #501
Mississauga, ON L5B 1M5, Canada

info@intranav.com
www.intranav.com