Product description

PRODUCTTRACKER

INDUTRAX
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CONTROL INSTEAD OF CHAOS: WHEN MATERIAL FLOWS BECOME VISIBLE.

PRODUCTTRACKER makes circulating stock and progress visible – in real-time, automatically and traceably. It shows where orders are located, what is being processed – and where there are bottlenecks – providing the basis for data-based control and sustainable flow analyses.

The PRODUCTTRACKER application automatically records the movements, times and locations of orders, semi-finished parts and material flows – across locations and processes.

When real-time movements and movement histories improve control:

- Immediately detect and avoid errors thanks to real-time monitoring of unplanned situations
- Automatically document process progress for complete traceability
- Circulating inventory available live at all times – no - bottlenecks, no delays
- Automatically record material flow histories as a basis for data-driven, continuous improvements

APPLICATION SCENARIOS

With PRODUCTTRACKER, you can record the movement and activity histories of your orders throughout the entire factory premises and automate your processes in real time..

WIP tracking and process monitoring
Track circulating stocks live – increase efficiency and ensure traceability. Avoid errors directly at the point of occurrence and react immediately to deviations.

Container and transport equipment management
All movements of orders, semi-finished parts, components, finished parts, transport equipment and vehicles – including storage and unwanted delays – as input for continuous improvement and lean management.

Can also be used flexibly for applications such as asset tracking and paperless manufacturing.

Circulating inventory visible – history usable – production guided.

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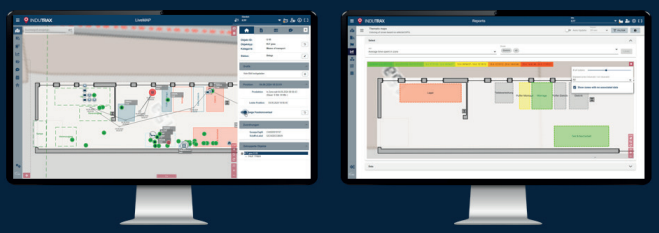
PRODUCTTRACKER is the industrial application for tracking orders and material flows and creating activity histories for transparent processes, automatic status detection and full transparency for better shop floor control.

KEY FEATURES



Real-time visualisation of object positions and agile search support

- With dynamic visualization for the detailed and context-specific display of object information based on freely configurable map views
- Freely definable object types, e.g. product type A, component B, load carriers, tools, etc.
- Google-style search as well as complex search definitions with pick-to-light support
- Mapping of product hierarchies or order lots

Automatic triggering of events and messages based on movements

- Smart geofencing for automatic detection of entries and exits in defined areas
- Defined with a no-code/low-code logic editor – very simple and according to your needs
- Notifications via email or through interfaces to your production or logistics management system, optionally including SAP
- Optionally with e-Label integration, with AI-based recogniser

Automatic generation of movement and process histories with location-aware reporting

- Generation of verified process and position histories with working time data included
- Reports on object movements and usage as well as zone utilization, with optional integration into BI tools

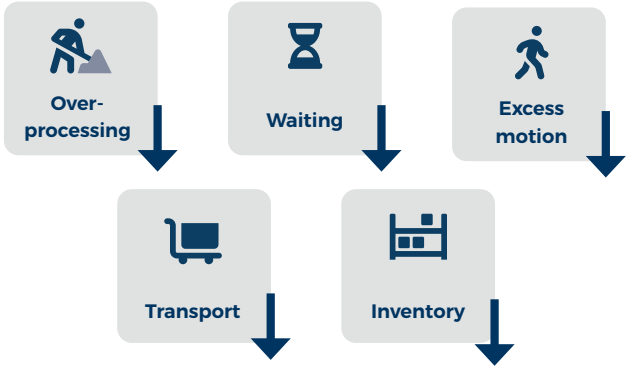
Seamless integration of location tracking systems (GPS, BLE, UWB, WiFi, RFID, LiDAR, etc.) with parallel operation of multiple technologies and support for cost-effective indirect location

Transfer of master data via standard interfaces (REST API, MQTT, database import, file import)

Role-based user access control – optionally via single sign-on (SSO)

ADVANTAGES AT A GLANCE

- **Fewer errors, better overview:** Deviations are immediately noticeable and are automatically detected, reported directly and corrected immediately for smooth processes.
- **No manual work, no gaps:** Movements, recording of activities and unplanned events are automatically documented by the Event Engine.
- **Higher quality, zero extra effort:** Inspection, release and blocking processes are visible via e-labels and increase process reliability throughout production.
- **Scale faster, integrate more easily:** Ready for use across locations and connectable to SAP, MES or your existing IT landscape.



Material flow becomes timing – automated, live, from raw part to delivery.

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In our demo factory or via online demo, we show you how the INDUTRAX PRODUCTTRACKER brings structure to shop floor control.

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