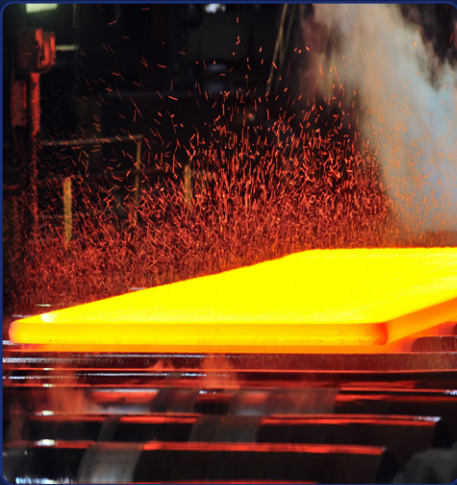# pozyx®

Pozyx RTLS solutions
The power of real-time location solutions
Track any asset in the steel production flow

LBPA
Location based process automation

Optimize production processes with real-time insights on product flows based on accurate location data. Pozyx's RTLS (real-time location system) tracks and analyzes moving assets and WIP to discover and solve issues that surface in steel manufacturing.

CASE STORY
The automated overhead crane in a Belgian cold mill picks up coils and places them on a train carriage. To guarantee correct delivery, the crane must know the exact location of the right carriage, which does not always stop at the indicated spot. Pozyx secures the exact delivery location to avoid waste and increase efficiency.

Safety & security
Ultra accurate & secure UWB positioning

Track the location of operators in hazard zones and feed the data back to crane operators or automated infrastructure. The Pozyx RTLS tracks the entry, presence and exit of people and vehicles on digital indoor maps. Triggers fire automatic actions when people or vehicles enter critical areas.

CASE STORY
The autonomous overhead crane project in a Belgian hot mill tracks operators who enter the zone where the crane operates. The crane will adjust its movements based on the the location of operators and stay clear from those zones, while continuing to work in other zones to avoid shutdown actions and guarantee continued production and a safe job site.

Scannerless asset tracking
Real-time visibility

Pinpoint the exact location of goods, equipment, assets and inventory during every step of the production process. Track all assets, high-value or highly critical assets only. Or track inventory based on the location of the forklift that last moved it. The Pozyx RTLS scales to every need.

CASE STORY
The French site of a steel manufacturer uses the Pozyx RTLS to track how forklifts move assets in the warehouse and at which exact location the assets have been dropped off to keep track of precise inventory positions.

Accurate · Effective · Simple

pozyx®
ACCURATE POSITIONING

ABOUT POZYX

Hyperaccurate
indoor positioning
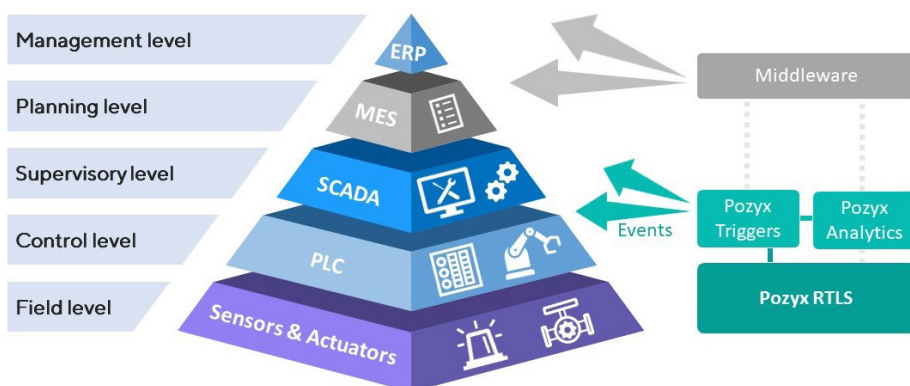# for smart industry solutions

Pozyx delivers real-time location systems (RTLS) for indoor tracking based on UWB (ultra-wideband) technology to position people and assets with unprecedented accuracy.

With the use of ultra-wideband (UWB) technology, smart algorithms and machine learning, Pozyx achieves a much higher accuracy compared to traditional positioning systems like WiFi, Bluetooth, RFID or GPS.

Designed and developed for the most demanding industrial environments, the Pozyx solution is robust, built to perform and user-friendly.

POZYX RTLS INTEGRATION IN INDUSTRIAL AUTOMATION SYSTEMS

Management level — ERP
Planning level — MES
Supervisory level — SCADA
Control level — PLC
Field level — Sensors & Actuators

Middleware

Events

Pozyx Triggers | Pozyx Analytics

Pozyx RTLS

Smart Triggers & integration

The Pozyx RTLS system uses Triggers to automate events that translate into manufacturing actions, notifications and warnings.

Within an industrial context, Triggers can easily interact with PLCs and existing manufacturing environments, at SCADA level or in MES and ERP systems. The flexible APIs connect at all levels and support MQTT, OPC UA, Modbus, plain TCP/UDP and most other industrial network protocols.

The Pozyx RTLS system provides analytics views in its own dashboards, however, all the data is exposed over the Pozyx API to allow deep integration where required.

pozyx.io/demo **pozyx.io/steel**

CURIOUS TO FIND OUT MORE?

Book a demo with one of Pozyx RTLS experts and find out how Pozyx RTLS solutions tackle real-life challenges.

Industry leaders trust Pozyx to improve the quality of their operations. Let's find out if Pozyx is the right fit to solve your challenges to drive indoor location system business outcomes.

The Pozyx ROI calculator will estimate the gain and our experts will create a detailed improvement plan proposal.

No strings attached, no commitment required, zero obligations.

Let's talk!