



Case Study

Intralogistics Optimization for an Automotive Manufacturer

20%

fewer tigger trains

95%

reduction in
intralogistics delays

50%

improvement in
training efficiency

A US-based automotive parts manufacturer faced costly delays and inefficiencies in their intralogistics. By using a real-time locating system (RTLS), they optimized tigger routes, streamlined their supply chain, and reduced delays by 95%. The result? Faster production and maximum efficiency.

Key Reasons for Choosing Sewio RTLS

- Reliable and accurate in noisy and metal-heavy environment
- No interference with other radio communication systems
- Modularity and scalability of the system
- Availability of raw position data for further use
- Full Digital Twin solution support

Solution

- **Accurate tracking:** Sewio indoor location tracking system (RTLS) ensures precise monitoring, even in a metal-heavy environment.
- **Insights through data:** Heatmaps and spaghetti diagrams in Digital Twin from Asseco CEIT help to identify bottlenecks and inefficiencies.
- **Optimizing intralogistics:** Better tigger routes and improved processes help reduce delays and cut down on production line downtimes.
- **Driver assistance:** Tigger train drivers use a navigation system that dynamically guides them to the most efficient routes.

Utilizing the Sewio RTLS system alongside Asseco CEIT's visualization, our team has developed tools to identify and communicate problems that were previously hidden. We now have data to address these issues and demonstrate the real impact of our improvements."

Results

Using data from their indoor tracking system, this manufacturer transformed their intralogistics into a smooth, efficient operation. The navigation system sped up training for new tigger operators—they can quickly learn the system and navigate optimized routes right away. But the real impact went even further! Full process visibility fosters a culture of continuous improvement. Managers can fine-tune operations and quickly evaluate changes. The result? A more confident and capable team.

Discover our indoor locating system!

Try it on-site with a pilot project.

[Request a Pilot Project](#)