



RTLS

Real Time Location System for Line Feeding Assets



Description

- With Real Time Location System (RTLS), AGV's and Tugger Trains operating on the corridors of the shop floor, are fully visible and traceable in real time. The positioning data of the line feeding equipment is used for the monitoring software to manage traffic between AGV's and Tugger Trains, i.e.: manage traffic in constrained areas like crossroads.

This last point is particularly important because without RTLS, it wouldn't be possible to have AGV's and Tugger Trains operating in the crossroad shown in the pictures above.

Results and improvements

Line feeding asset management in common environments between AGV's and Tugger Trains. RTLS enabled fluid operation between these assets which allows for further dissemination of AGV's (automation) in the shopfloor at Volkswagen Autoeuropa.

| Facts | |
|---------------------|---|
| Area | Logistics 6 |
| Saving | 90 Tsd. € |
| Investment | 87 Tsd. € |
| Implementation date | 2021 |

