



## Wipro rtlsNXT for Automotive OEMs

Track assets and  
information in real-time to  
close manufacturing loops

Modern manufacturing is anchored by sensors that can inundate companies with digital data about equipment and assembly-line performance. Unfortunately, only half of all shop floors and objects are connected, and the information collected using analog tools lacks location and distribution details. This leaves manufacturers in the dark about critical uptime and other process information.

With Wipro rtlsNXT, automotive manufacturers can capitalize on a real-time locating system (RTLS) and derive the benefits of a digital twin. Using virtual representations of their real-life facilities, OEMs can improve asset tracking, boost control, and close information gaps that impede production.

Wipro rtlsNXT enables manufacturers to recognize objects in an area, detect interactions, and visualize assets on a real-time map

## Key benefits

- Increase quality by avoiding incorrect process execution and never missing steps
- Boost productivity by eliminating cumbersome activities required to verify material and serial/batch IDs
- Reduce risk by enabling automatic notifications in restricted areas
- Gain efficiency by leveraging Digital Twins to improve layout planning in manufacturing environments and reduce activities that do not add value
- Manage complexity by improving process transparency and providing better operator guidance

## Key takeaways

A factory digital twin can track goods, orders, products, tools and workers, giving managers real-time access to a digital map of the facility that enables them to increase safety, operations and quality.

Wipro rtlsNXT integrates different technologies into the connectivity of your business IT and facilitates process automation.

- QR code, RFID, BLE, UWB, Video, GPS, SIM, and 5G
- Connectivity range can be customized for facility level, remote locations or worldwide
- Full support for different tracking services
- Interfaces to the business IT
- Open and scalable

With Wipro rtlsNXT, automotive manufacturers can finally track assets and information in real-time, whether the production environment is local or global in scale

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