

Digital Twins for Automotive Warehousing

Improve efficiency and capacity with real-time decision-making

Digital twins often assist with vehicle development and predictive maintenance, but they can also improve automotive warehousing. These digital replicas empower decision makers to digitally design, simulate and test new processes, thus refining warehouse layouts, optimizing capacity, and enhancing resource utilization.

Key benefits



Improve warehouse efficiency by up to 25% and reduce staffing needs by up to 20%



Plan how to navigate supply-chain disruption with alternate scenario models and “what-if” applications



Unlock value from receiving, picking and other processes through better layout and streamlined material movement via robotic arms, product positioning, conveyor belts, etc.

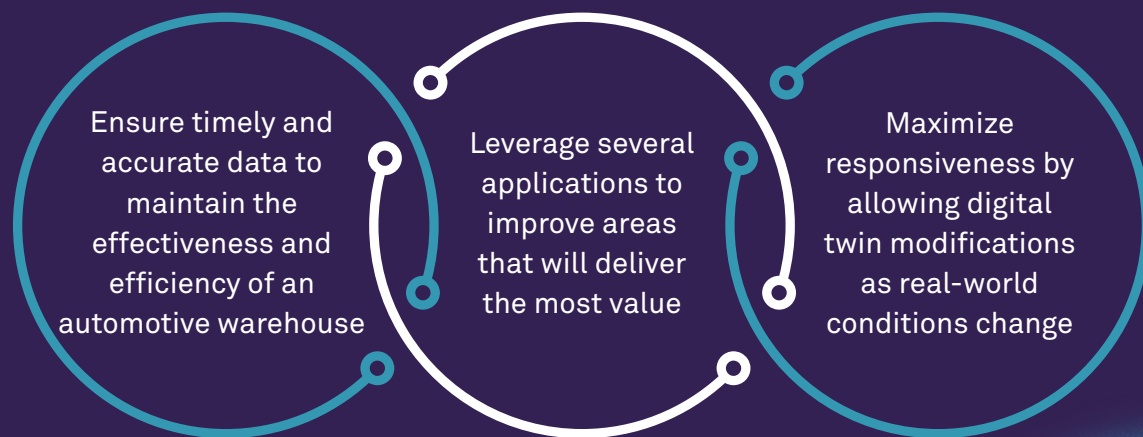


Make faster decisions using predictive tools such as AI/ML to streamline operations for better efficiency and reduced downtime

Key takeaways

As automotive supply chains continue to evolve to meet market and macroeconomic changes, warehouse managers must make quick, data-driven and streamlined business decisions. Digital twins can be applied to

individual or groups of assets, while a 3D model of an entire facility can be used in conjunction with inventory and operational data to ensure stock and deliveries run smoothly.



Wipro Limited
Doddakannelli
Sarjapur Road
Bengaluru – 560 035
India

Tel: +91 (80) 2844 0011
Fax: +91 (80) 2844 0256
wipro.com

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading technology services and consulting company focused on building innovative solutions that address clients' most complex digital transformation needs. Leveraging our holistic portfolio of capabilities in consulting, design, engineering, and operations, we help clients realize their boldest ambitions

and build future-ready, sustainable businesses. With over 250,000 employees and business partners across 66 countries, we deliver on the promise of helping our customers, colleagues, and communities thrive in an ever-changing world.

For more information, please write to us at **info@wipro.com**