



Leading North American Auto Manufacturer Reduces Product Defects and Boosts Productivity with Smart Factory Center

Client

The North American arm of a leading Japanese auto manufacturer that sells two major brands of automobiles, including motorcycles and all-terrain vehicles.

Challenge

- A benchmarking exercise conducted by the company revealed that it was trailing peers in leveraging the potential of digital technologies, including Industrial Internet of Things (IIoT)
- The auto manufacturer realized the importance of harnessing a Smart Factory Center to accelerate the adoption of Industry 4.0
- Emphasis was to be placed on better quality management through reduced manual intervention, predictive maintenance capabilities to improve production efficiency, and superior inventory management to streamline operations

Solution

- L&T Infotech helped the automaker create a roadmap for conversion of their Technology Development Center into a Smart Factory Center. LTI prepared a portfolio of 10 business cases to prototype at the Smart Factory Center covering the following areas:
 - Quality Management and Safety
 - Predictive Maintenance
 - Inventory Management
 - Additive Manufacturing

Benefits

- Increased productivity and reduced production defects
- Reduced costs due to process automation as well as minimized part and container losses
- Increased machine utilization and low equipment downtime, leading to higher productivity and operational efficiency
- Placed the company on track to become a leader in the adoption of Industry 4.0

About L&T Infotech

L&T Infotech (NSE: LTI) is a global IT services and solutions provider with presence in 22 countries. We solve complex business challenges at the intersection of digital and physical world with our real-world expertise and extreme client centricity. We help clients create better customer experiences, transform processes and build new businesses.

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