



# Factory Automation & MES–MOM Implementation for Global Automotive Tier 1 Supplier

ITC Infotech partnered with a leading Automotive Tier 1 Supplier to implement Factory Automation and MES–MOM with integrated APS and ERP systems. The solution connected AGVs, processing machines, and automated warehouses, enabling seamless data flow across production layers. This integration improved golden batch accuracy by 5–7%, minimized product variation, and delivered a globally deployable single template for consistent operations.

5–7% increase in golden  
batch accuracy

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.



[www.itcinfotech.com](http://www.itcinfotech.com)

## CHALLENGES

- Need for Factory Automation and MES–MOM implementation with Golden Batch Management
- Integration of APS with MES–MOM and SAP ERP
- Inconsistent Golden Batch Management, causing product quality variations
- Absence of a standardized global template, making it difficult to scale and replicate best practices across sites

## SOLUTION

- Architecture integrating factory automation with MES–MOM and ERP systems
- Integration with AGVs, processing machines, and automated warehouses
- Ground-up APS solution design

## RESULTS

- Achieved 5–7% increase in golden batch accuracy
- Reduced product quality variation through integrated APS–MOM solution
- Established a globally deployable single template, ensuring consistency across sites
- Enabled seamless integration of AGVs, processing machines, and automated warehouses