

ITC Infotech: MES Profile

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ITC Infotech has a winning combination of dedicated industry domain experts and focused platform competency across multiple industries and manufacturing execution system (MES) platforms. A special call out is its Apriso expertise and CPG domain capabilities. ITC Infotech is one of the top five service providers for Apriso. ITC Infotech's CPG domain knowledge is very deep by virtue of the company being part of ITC, India's leading CPG conglomerate. It covers the entire lifecycle of MES implementation from solution design to service and support.

Headcount (MES)

- 250+ Consultants (40% certified on chosen platforms)

Locations

- Americas, Europe, and Asia-Pacific (Implementation in 20+ countries globally)

Platforms

- Apriso by Dassault
- TrakSYS by PARSEC
- Factory Talk by Rockwell

Key Customers

- A leading vertical transport systems manufacturer
- A global CPG manufacturer with operations in 175+ countries
- A Fortune 500 Tier 1 automotive supplier
- A leading Indian CPG conglomerate
- A leading two-wheeler automobile manufacturer

Verticals

- CPG (Consumer Goods, Food & Beverage, Tobacco)
- Discrete Manufacturing (Heavy Machinery & Equipments, Elevators & Escalators)
- Automotive (OEMs and Tier 1 Suppliers)

Solutions

- Production Management
- Enterprise Quality Management
- Warehouse and Logistics Execution
- Global Track and Trace
- Maintenance Management
- Operational Excellence - Lean Manufacturing
- Global Performance Management

Assets

- Digital Maturity Assessment Toolkit to plot the Smart Factory transformation journey with MES
- A small-scale (Lite-MES) solution - Core module and process implementation to reap the benefits of MES implementation in a shorter duration
- Full spectrum DevOps and Test Automation framework on all the chosen MES platform technologies
- Installation Execution System template on the core MES layer for managing the installation lifecycle
- Factory Command and Control Center solution with advanced visualization capabilities for global performance monitoring and visibility
- Pre-built accelerators for machine integration along with full capabilities on the OPC layer

Outcomes Achieved

- An award-winning MES solution implemented for a CPG manufacturer with improvements in OEE by 6%
- A first-of-a-kind DevOps implementation in MES domain for a Fortune 500 company to manage global deployment and support
- A unique implementation to achieve full backward traceability on a high-speed manual assembly with zero impact in takt time
- Reduction in quality rejections by 15% on a complex assembly line for one of the largest vertical transport systems manufacturers
- A comprehensive template on operational excellence in MES for Lean/TPM enablement on the shop floor resulting in productivity enhancement by 30%

Differentiators

- Ability to deliver MES programs with direct linkage to improvement in business metrics/KPIs
- Out-of-the-box industry templates for discrete manufacturing and the CPG industry
- Flexible engagement models aligned to customer-specific needs
- Automation (DevOps) framework for large-scale MES programs and implementations
- A strong team of certified resources in the all chosen product platforms
- A dedicated team of domain experts in all the focus verticals

Leadership Quotes

"We are seeing a significant increase in MES implementations, with customers in manufacturing leveraging this to enhance their competitiveness. ITC Infotech's ability to deliver significant business impact through our solutions comes from our rich knowledge and experience of curating these solutions at ITC Ltd., our parent organization"

- Sudip Singh

(CEO and Managing Director, ITC Infotech)

"Our deep domain knowledge of CPG, Automotive, and Discrete Manufacturing industry, combined with our rich experience of implementing MES solutions globally, enables us to bring best practices to our customers, resulting in maximizing the returns from their MES investment"

- Sundaresh Shankaran

(President Manufacturing & CPG Vertical, ITC Infotech)

Source: EIIRTrend, ITC Infotech

Enterprise should select ITC Infotech for its domain knowledge, product knowledge, and ability to deliver business KPIs in multi-plant implementations and for its integration expertise of MES with other enterprise applications.

About the Author

Pareekh Jain



Pareekh Jain is Founder and Lead Analyst of EIIRTrend and Pareekh Consulting.

EIIRTrend.com is a neutral platform to discover emerging engineering, IoT, Industry 4.0 and R&D (EIIR) trends across 12 industry verticals. Pareekh Consulting is a focused analyst and advisory firm for EIIR.

A seasoned EIIR professional, Pareekh has seen the EIIR industry from four perspectives: service provider, sourcing advisor, enterprise buyer, and industry analyst.

He is regularly quoted in the media on engineering services, IoT, and outsourcing trends, including Harvard Business Review (HBR), NDTV, Times of India, Economic Times, Business Standard, Hindu, Business Line, Livemint, Financial Express, Rediff, Voice of America, and Business Insider.

Pareekh is a thought leader, having authored various publications on topics related to EIIR outsourcing. He loves business fiction writing in his free time, and has authored a novel, Who Is That Lady?

Pareekh received his MBA from the Indian Institute of Management (IIM), Bangalore and his Bachelor of Technology degree from the Indian Institute of Technology (IIT) Delhi.

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