



Digital Manufacturing Services

TCS

Report Abstract

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Who is This Vendor Assessment For?

NelsonHall's digital manufacturing services profile on TCS is a comprehensive assessment of TCS' offerings and capabilities, designed for:

- Sourcing managers monitoring the capabilities of existing suppliers of digital, industrial IoT, and industrial IT services
- Vendor marketing, sales, and business managers looking to benchmark themselves against their peers
- Financial analysts and investors specializing in the IT services sector and examining growth areas within IT services.

Key Findings & Highlights

This NelsonHall vendor assessment analyzes TCS' offerings and capabilities in digital manufacturing services.

Consulting and IT services, primarily around five main topics:

- Connected products / assets
- Industry 4.0 and digital manufacturing, which is the scope of this profile
- Remote energy management
- Connected supply chain and fleet management
- Industrial robotics & automation.

The IoT service line (ISL) is part of the Digital Transformation Services group. It is a full-service line responsible for P&L, client solutioning, service portfolio and IP, and CoEs.

NelsonHall estimates that ISL has a headcount of ~7k.

TCS complements its digital manufacturing capabilities through its manufacturing unit and several CoEs, (1) edge, (2) industrial robotics and automation, (3) next-gen manufacturing, and (4) industrial analytics.

TCS has drafted its vision of a digital factory (DF), which relies on four main broad principles, i.e., flexibility to produce optimized operations, advanced automation, security, and resource productivity (including health and safety). The company has articulated its service portfolio from the edge and OT level to use cases and business value (e.g., increased revenue, asset availability, time-to-market, safety). TCS is systematically aligning its service portfolio around DF. Analytics and AI play a central role within this portfolio, with TCS continuously investing in AI-based use cases.

TCS' long-term vision is to create self-aware equipment, relying on real-time data analytics. Thanks to AI, each machine will be able to optimize its performance. The company highlights that it has already made some progress on its self-aware equipment journey. It points to several digital twin projects in brownfield plant scenarios, such as AGVs adjusting their routes automatically, relying on autonomous vehicle models.

Scope of the Report

The report provides a comprehensive and objective analysis of TCS's digital manufacturing service offerings and capabilities, and market and financial strengths, including:

- Identification of the company's strategy, emphasis, and new developments
- Analysis of the company's strengths, weaknesses, and outlook
- Revenue estimates
- Analysis of the profile of the company's customer base including the company's targeting strategy and examples of current contracts
- Analysis of the company's offerings and key service components
- Analysis of the company's delivery organization including the location of delivery locations.

Digital Manufacturing Services Vendor Assessments also Available for:

- Accenture
- Atos
- Capgemini
- Cyient
- DXC
- IBM
- Infosys
- Samsung SDS
- Sopra Steria
- Tata Elxsi
- Tech Mahindra
- T-Systems
- Wipro.

About The Author

Dominique Raviart is the IT Services Practice Director at NelsonHall, with global responsibility for IT Services research programs.

Dominique covers IT Services research in the areas of Software Testing/QA, Big Data and Analytics Services, Salesforce services, and IoT Services. Dominique has been part of NelsonHall's IT Services analyst team since 2007, providing comprehensive and insightful coverage of IT services markets in the world. In particular, he is widely known for his extensive knowledge and coverage of software testing, having examined recently digital testing and DevOps/continuous testing. Dominique assists both buy-side and vendor organizations in assessing opportunities and supplier capability across IT service lines.

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About NelsonHall

NelsonHall is the leading global analyst firm dedicated to helping organizations understand the 'art of the possible' in digital operations transformation. With analysts in the U.S., U.K., and Continental Europe, NelsonHall provides buy-side organizations with detailed, critical information on markets and vendors (including NEAT assessments) that helps them make fast and highly informed sourcing decisions. And for vendors, NelsonHall provides deep knowledge of market dynamics and user requirements to help them hone their go-to-market strategies. NelsonHall's research is based on rigorous, primary research, and is widely respected for the quality, depth and insight of its analysis.

We would be pleased to discuss how we can bring benefit to your organization. You can contact us via the following relationship manager: Guy Saunders at guy.saunders@nelson-hall.com

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