

# GLOBAL OPERATIONS BY TATA CONSULTANCY SERVICES

Use data to optimize your performance and maximize your ROI.



Tata Consultancy Services (TCS) offers a global operations solution to deliver manufacturing integration and intelligence. This solution combines Software AG's Digital Business Platform with SAP® interoperability solutions so you can integrate Enterprise Resource Planning (ERP), Manufacturing Execution Systems (MES) and other plant systems to create a single source of data.

## Business needs

Does your company have a global footprint? Then chances are you're always looking for ways to integrate and optimize operations across geographies. Your challenges are many:

- Maintaining a connection across manufacturing units and the enterprise while managing a diverse range of technology
- Delivering quality consistently to customers to meet targets
- Documenting, validating and complying with customer specifications and regulatory requirements in the fastest yet lowest-cost way
- Finding innovative ways to reduce operational costs while improving enterprise and manufacturing processes
- Working smarter by optimizing and integrating supply chains to reduce inefficiencies

Thanks to seamless and real-time availability of data and analytics, you can use information for effective collaboration and decision-making to meet these challenges—and more.

## Benefits

The TCS Global Operations solution ensures full integration between shop-floor systems, MES and SAP ERP, which enable lean and traditional scheduling principles to be readily applied. The solution also offers:

- A comprehensive platform that enables composite applications
- An environment that integrates disconnected environments
- Reduced costs by leveraging existing IT infrastructure
- The option of role-based visibility
- A technology-agnostic platform, which interoperates across multiple platforms
- Enhanced logistics operations from real-time analysis of vehicle telematics, traffic, weather and more

### Partner Overview

Tata Consultancy Services (TCS) is a global leader in IT services, digital and business solutions that partners with its clients to simplify, strengthen and transform their businesses. TCS ensures the highest levels of certainty and satisfaction through a deep-set commitment to our clients, comprehensive industry expertise, and a global network of innovation and delivery centers.

TCS helps you improve competitiveness with best-of-breed solutions that deliver functionality, integration and data synchronization. We are backed by strategic alliances that offer a combination of SAP products, Software AG platforms and products from industry-leading software providers and our consulting services.

TCS has been recognized by Brand Finance as one of the Big 4 Global IT Services Brands. The company's continued industry-leading growth is a testament to the certainty its clients experience every day.

To learn more about TCS Global Operations, contact [Global.Operations@tcs.com](mailto:Global.Operations@tcs.com).

## Features

The Global Operations solution provides role-based visibility from "top floor" to "shop floor" by addressing and solving real-life enterprise, supply chain, and manufacturing issues with actionable data. The solution also integrates CRM, ERP, supply chain solutions with the shop floor system or any third-party application.

Count on industry-specific functionality, platform reliability and the delivery expertise you need to implement high-performance manufacturing solution capabilities. TCS also offers more than 500 re-usable templates and data models readily available along with configuration kit to reduce overall development and deployment time. In addition, you can use the solution on mobile platforms, such as iOS®, Android® and Windows® 7, and on cloud platforms.

Key features include:

### Manufacturing and enterprise intelligence dashboards

CIO dashboard, VP overview, manager view, supply chain management, quality management and operations cockpit dashboards provide a consolidated view of your KPIs. You can monitor quality, service levels and supply chain efficiencies and ensure a single information resource for shop floor employees.

### Dedicated Manufacturing Solution Center of Excellence (CoE)

Our CoE houses a host of SAP products, including SAP ERP, SAP MII and SAP ME along with Software AG's webMethods Integration Platform (including Universal Messaging), Terracotta In-Memory Data Fabric, Apama Streaming Analytics and webMethods iBPMS as well as products from key independent software providers. All of this technology can be successfully integrated into your environment to increase your ROI in existing IT systems.

### Visibility, collaboration and workflows

Gain operational visibility into all hierarchies within your manufacturing organization using robust user-centric interfaces with Web 2.0 and Enterprise 2.0 technologies. You get visibility into planning data and resource data through a Microsoft® SharePoint® portal.

You also can create collaborative and process-driven approval workflows.

### Robust integration platform

Through world-class webMethods integration, you can integrate various manufacturing systems and applications and gain a single version of truth. The solution gives you a seamless, integrated platform for manufacturing processes as well as for data across Software AG products, SAP systems and third-party MES systems.

## Software AG and TCS

Our solution helps you solve your global operations challenges using:

- Robust integration with enterprise and manufacturing systems
- Performance at scale with in-memory data management
- Real-time analysis of streaming data
- Plant visualization and monitoring
- Multiple enterprise and demand-driven manufacturing
- An integrated manufacturing SOA framework
- High-level manufacturing best practices

## ABOUT SOFTWARE AG

Software AG offers the world's first Digital Business Platform. Recognized as a leader by the industry's top analyst firms, Software AG helps you combine existing systems on premises and in the cloud into a single platform to optimize your business and delight your customers. With Software AG, you can rapidly build and deploy digital business applications to exploit real-time market opportunities. Get maximum value from big data, make better decisions with streaming analytics, achieve more with the Internet of Things, and respond faster to shifting regulations and threats with intelligent governance, risk and compliance. The world's top brands trust Software AG to help them rapidly innovate, differentiate and win in the digital world. Learn more at [www.SoftwareAG.com](http://www.SoftwareAG.com).

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