Supply Chain Management
To achieve and sustain profitable growth in today's competitive environment, enterprises have to rely on integrated supply chains that reduce time-to-market for products, improve inventory management and optimize costs, while helping them meet customer requirements quickly and efficiently. From a science that focused on internal alignment of systems, supply chain management has now evolved to include collaboration with suppliers, partners and customers, to ensure that supply and demand management is integrated within and across the enterprise. At TCS, we devise and implement supply chain management strategies and solutions that help enterprises across retail, manufacturing, high technology, healthcare, and transportation industries strengthen their competitive advantage. Through supply chain integration, we help our customers foster strong and mutually beneficial partnerships across their networks.

Overview

Globalization has re-defined the way enterprises do business. With constant changes in business models, enterprises today are looking to incorporate flexible technologies and frameworks such as Service Oriented Architecture (SOA) to build supply chains that adapt and respond to changes quickly. Moreover, manufacturing outsourcing has led to multi-enterprise supply chain processes, necessitating an agile demand-driven supply network that can cater to their customers' demands efficiently. Streamlining and improving the supply chain has thus become a top priority for every progressive F-1000 and G-2000 company.

We help enterprises build robust supply chains that perform excellently in spite of the pressures brought by globalization, changing market needs, and regulatory demands. Not only do we help our customers to move to a demand-driven supply network, but also enable them to deploy global sourcing strategies to leverage their buying power and provide quality products at a higher margin. Our solutions ensure responsive supply chains that enable better planning, improved visibility and enhanced control across the entire network.

Our Global Network Delivery Model™, a collaborative, best-in-class framework of people, processes, and infrastructure makes it possible for us to consistently ensure success of our customers’ SCM initiatives – anytime, anywhere. As a full-service player, we build effective supply chains in partnership with our customers, helping them explore and realize the full potential of their supply chain networks.

Why TCS

Expertise in Leading SCM Products

We have expertise in implementing cutting-edge SCM solutions from leading SCM product companies such as i2, Ariba, Kinaxis, SAP, Oracle, Manhattan Associates, Logic tools, ILOG and JDA Manugistics.

Our expertise and ability to deliver is further strengthened through alliances with select product vendors and investments in Centers of Excellence for these technologies. Successful transition is ensured through our proven ability to integrate SCM products with leading ERP and legacy systems.

Diverse domain expertise

Having engaged with enterprises across multiple industries, we understand the complexities of each industry, thus helping customers build and manage SCM solutions that meet their business needs. Our understanding of the supply chain process has enabled creation of assets—process maps, best practices, methodologies, and frameworks—that accelerate solution delivery across various supply chain processes.

Focus on R&D

Our SCM R&D center focuses on applied research using tools and techniques like statistical forecasting, algorithm development and optimization, to build solutions that address complex SCM challenges. We capture industry-specific best practices with applied research to enhance our ability to define and implement best-in-class processes for our customers.
Our Offerings

As a full-service player we help customers transform their business with streamlined, optimized and integrated supply chains. From looking at long-term strategic needs to addressing operational challenges, our offerings include -

**Business Solutions:** We engage in system study; strategy formulation; process change identification and process design apart from recommending the right technology; identifying deployment issues and assessing the impact on existing applications and databases.

**Technology Services:** Right from implementation of software from leading supply chain technology vendors and development of custom solutions, we help customers with proof of concept and pilot execution; metrics-driven project management including change management; and post-implementation support.

**Outsourcing:**

**SCM ITO:** Our technology outsourcing services help customers in managing their supply chain applications. We take complete ownership of managing the customers’ SCM applications and thus help our customers to focus more on their key business issues and value drivers. This also helps customers in increasing the ROI from their investments in SCM applications.

**SCM BPO:** We provide a wide range of SCM related BPO services. Focused solutions are offered that address transaction procurement, vendor management, catalogue management, parts master management; and contract management processes.

### TCS Supply Chain Space

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**Supply Chain Integration**

- Planning
- Execution
- Sourcing & Procurement
- Collaboration
How we helped customers

Cummins - Supply Chain Transformation
Cummins, a global leader in diesel technology with operations in 10 countries, builds a wide range of machines such as emission-control devices and turbo chargers, apart from diesel engines that power everything from cars, to ships to construction equipment. As Cummins expanded its product portfolio and market reach, managing its complex supply chain became increasingly challenging. Some of its businesses were using multiple, disparate systems, while some ran on legacy systems. As a result, data availability and quality were not up to the just-in-time requirements of supply chain excellence. Inventory control and warehousing, supply chain management, cross-divisional coordination – all demanded a better and more integrated supply chain approach.

Having already established a four-year track record with Cummins in the IT services area, we partnered with the enterprise to revolutionize its supply chain. We developed an end-to-end framework for Cummins to transform its supply chain. Under the TCS-Cummins Supply Chain Program, recommended improvements included re-engineering the supply chain process, training staff to achieve organizational change, and enabling advanced planning and process management through cutting-edge technology solutions. This program enabled Cummins to more accurately forecast demand for its products and services, and promote effective sales and operations planning. Cummins has also experienced significant improvements in on-time deliveries and reduction in inventory.

About Tata Consultancy Services (TCS)
Tata Consultancy Services Limited is an IT services, business solutions, and outsourcing organization that delivers real results to global businesses, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled services delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development.

A part of the Tata Group, India’s largest industrial conglomerate, TCS has over 89,000 of the world’s best trained IT consultants in 47 countries. The company generated consolidated revenues of US $4.3 billion for fiscal year ended 31 March 2007 and is listed on the National Stock Exchange and Bombay Stock Exchange in India. For more information, visit us at www.tcs.com

To know more about how we can help you optimize your supply chain, contact us.supplychain@tcs.com

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