



Reimagining the future of supply chains with TCS TwinX™

Schedule your demo today

In an era marked by rapid change and global interconnectivity, supply chains face unprecedented challenges. Traditional systems often struggle with inefficiencies, high costs, and limited visibility, making it difficult for businesses to navigate disruptions and fluctuating demands. To remain competitive, enterprises must adopt innovative solutions that enhance agility, efficiency, and resilience.

Empowering supply chains with real-time intelligence

TCS TwinX is an analytics platform that leverages **Enterprise Digital Twins**, enabling business experimentation by creating a real-time virtual replica of the entire supply chain. This enables businesses to:

Enhance visibility

- **Integrated insights:** Achieve end-to-end insights into every component of the supply chain, from suppliers to customer delivery points.
- **Factor externalities:** Utilise AI and ML to accurately predict shifts in demand patterns, consumer behaviors, regulatory changes, and competitor movements.
- **Continuous sensing:** Monitor real-time metrics to swiftly identify and rectify inefficiencies.

Optimise operations

- **Scenario simulations:** Conduct “what-if” and “if-what” analyses to assess and compare impacts of new and existing strategies to minimise disruptions.
- **Agility in action:** Rapidly adjust supply chain processes such as production schedules, inventory, and reroute shipments to minimise delays and optimise KPIs like delivery time, lead time, cost-to-serve, utilisation rates, and P&L.



Unlocking operational excellence

- **Operational efficiency** - Enhance network operations, achieving up to a 15% increase in delivery and lead times.
- **Agility** - Adapt swiftly to disruptions, reducing delays and costs by up to 10%.
- **Smarter decision-making** - Access prescriptive analytics for informed choices, bolstering supply chain resilience.

Take the next step toward supply chain excellence

Ready to revolutionize your supply chain?

Contact us at: contact.twinx@tcs.com

About Tata Consultancy Services (TCS)

Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) is a digital transformation and technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce of over 590,000 employees in 55 countries and 202 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to Artificial Intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2025. For more information, visit www.tcs.com.