

TCS iON Digital Manufacturing Solutions Business Suite

Enhanced visibility into organizational processes



Abstract

In the face of increasing globalization, evolving technologies and fluctuating demand, manufacturing and trading organizations are increasingly digitizing their operations to maintain competitive advantage. Enterprises need an integrated view of their operations for timely and accurate decision-making, to build agile, demand-driven businesses. To improve workforce productivity and enhance customer experience, organizations also need to leverage mobility solutions to provide on-the-go services to both employees and customers.

Tata Consultancy Services' TCS iON Digital Manufacturing solution helps organizations digitize, automate and integrate enterprise-wide functions and processes. It is a single window IT solution with a pre-integrated suite of software and support services. The solution consolidates multiple applications to provide a comprehensive view of the business, enabling improved processes and better outcomes.

Overview

Success of every manufacturing or trading unit depends on meticulous planning, effective day-to-day monitoring of procurement, production, sales and finance divisions and keeping close watch on market trends. In today's world, it is important to build a connected organization, which leverages information at each stage and eliminates common challenges faced by industry such as-

- Inefficient planning due to lack of visibility into historical data.
- Reduced profitability because of poor inventory management.
- Low customer satisfaction due to inconsistencies in sales fulfillment.
- Statutory and financial non-compliance due to ineffective data management.

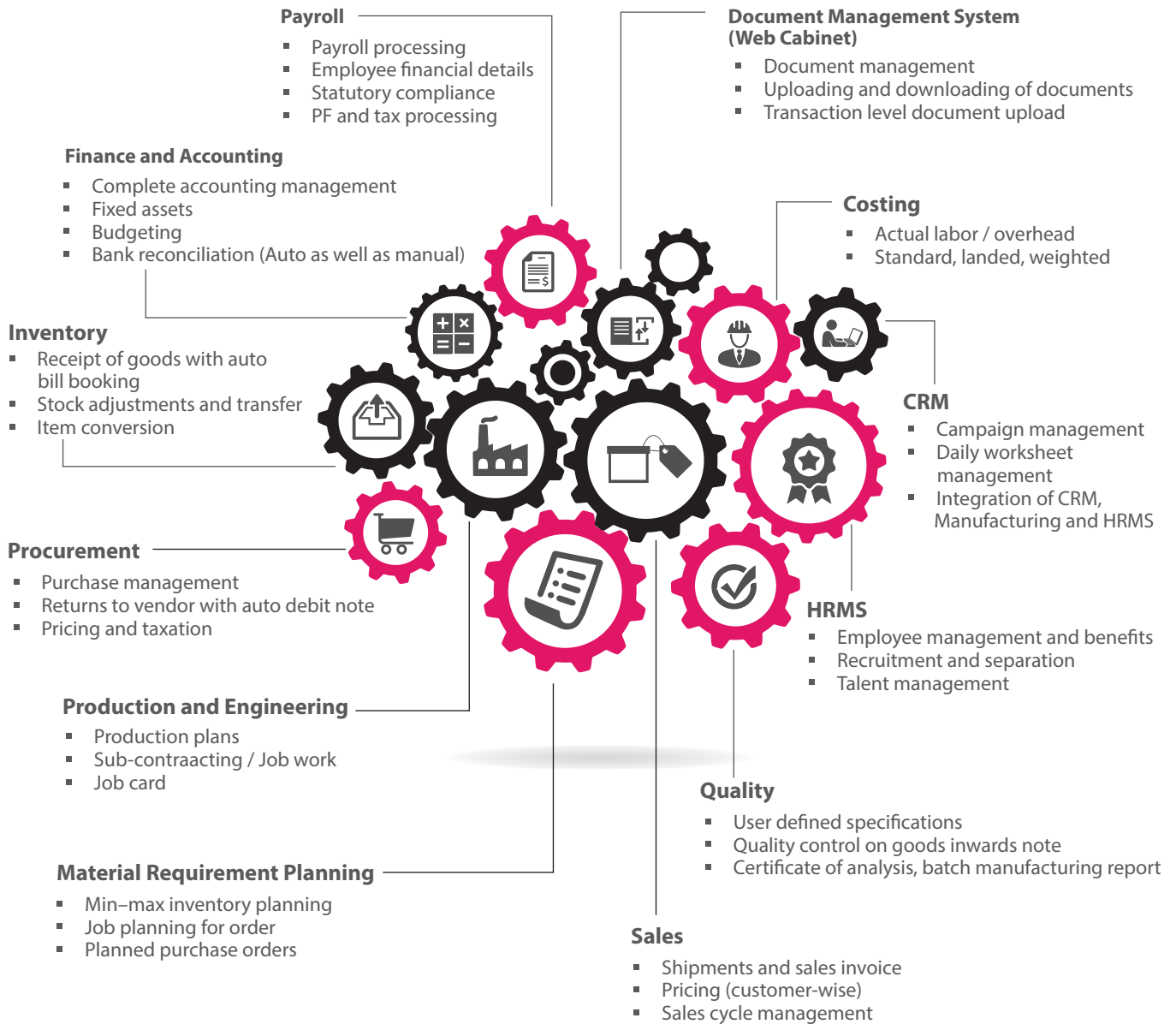
TCS iON Digital Manufacturing solution integrates enterprise-wide functions to provide organizations a holistic view of geographically-spread business processes. The solution helps companies identify patterns in price and usage variances to help plan procurement and production capacities dynamically. It streamlines and optimizes procurement operations by automating purchase requisition, payment processing and enabling bulk procurement.



An Overview of TCS iON Digital Manufacturing Solution

The solution streamlines functioning by addressing mandatory taxation, pricing, excise, export, import and standardized procedures. It also enables tracking of costs and revenues per product across locations and monitors the byproducts generated during production to maximize the utilization of raw materials. The solution facilitates regulatory compliance management by performing quality checks at every stage of the production process and generating corresponding certificates of analysis (CoA). Organizations can identify loss-making products with the help of this solution, thereby improving the quality of budgeting decisions and ensuring the realization of returns on investment.

Our solution comprises of multiple feature-rich modules to streamline every aspect of business:



"TCS iON's end to end functionality with options to customize allows our company to operate cohesively on a single platform across multiple locations. We've reduced paper usage, unnecessary software and manual data manipulation leaving our team to use reports that are generated immediately to take quick data driven decisions."

- Smriti Sakhamuri,
Assistant General Manager,
Hind High Vacuum Company Pvt. Ltd

Value proposition

TCS iON Digital Manufacturing Solution offers following value proposition to manufacturing and trading organizations:

Superior financial outcomes

- Around 35% TCO reduction*
- Around 13% reduction in operating cost*
- Around 17% improvement in on-time shipment*
- Shorten financial transaction close cycles



Fast and accurate processes

- Around 50% effort reduction in statutory compliance report compilation*
- 100% automated supplier communication*
- Reduce process delay through electronic data interchange (EDI)



Effective inventory management

- Around 22% reduction in inventory cost*
- Track inventory through real time dashboard



Enhanced decision making

- Improved feedback across organisation
- On the go access to dashboard



Optimized resource utilization

- Around 18% improvement in manufacturing schedule compliance*
- Material requirement planning (MRP) for efficient use of resources



Improved customer service

- Improved tracking of warranties and after-sales customer requests



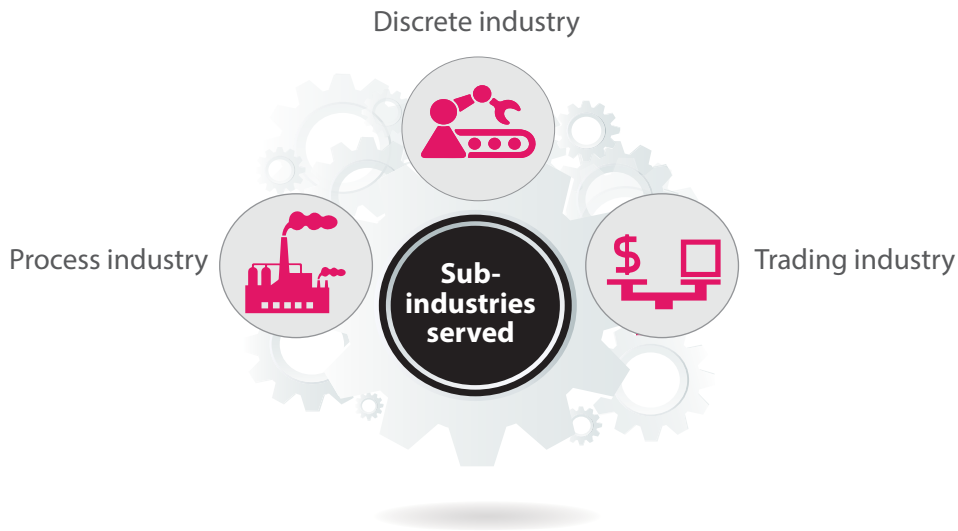
*Internal research



"TCS iON is a very comprehensive ERP well suited for small scale companies. Anything that it didn't specifically have for our industry was incorporated upon request. Has streamlined our company's stock keeping, invoicing and batch control."

- Tejasvi Bhat,
Director, Ce-Chem Pharmaceuticals Pvt. Ltd

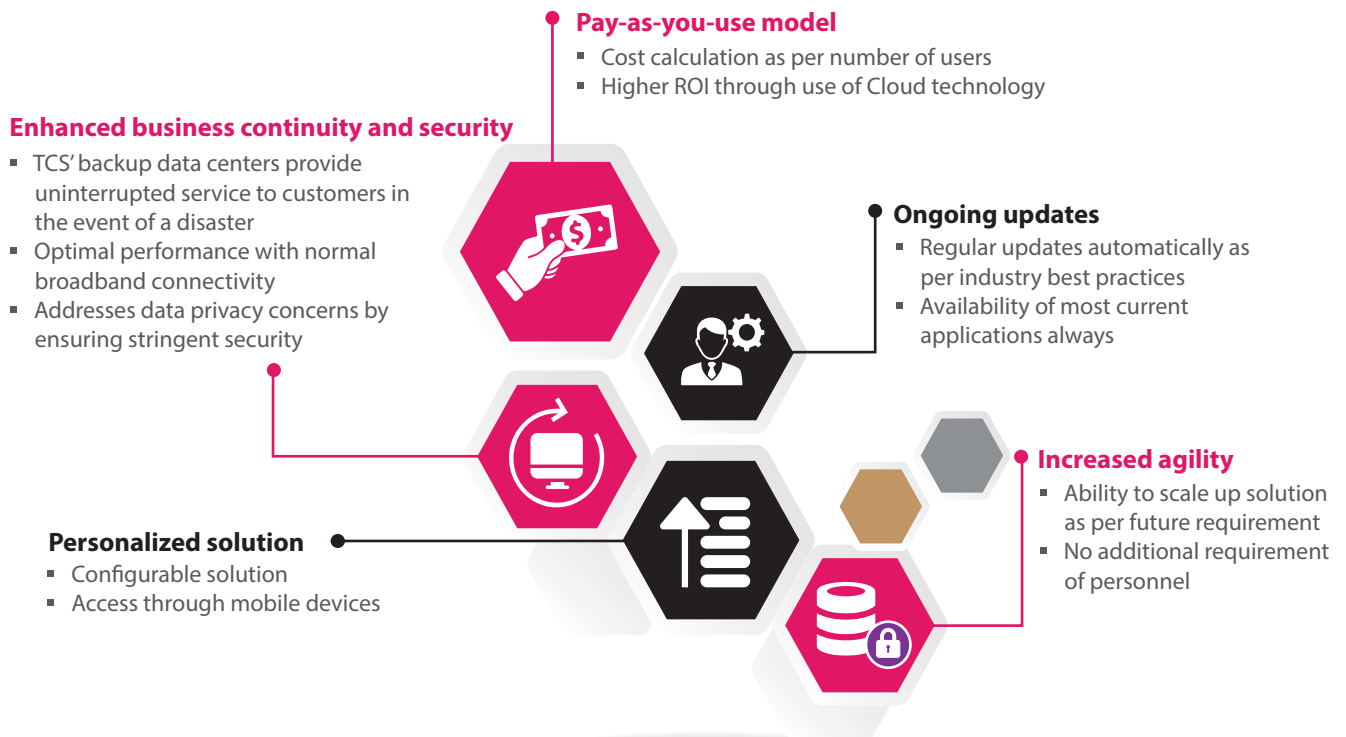
Sub industries served



The Advantage

TCS has garnered extensive industry experience having partnered with global businesses for over five decades and TCS iON Digital Manufacturing solution leverages it to offer best-in-class solutions to its customers.

TCS iON Digital Manufacturing solution offers the following advantages to manufacturing and trading organizations:



"The COVID-19 pandemic and the lockdown situation that ensued caused disruptions in factory operations and supply chains for our competitors. However, the TCS iON ERP system was a blessing for us during this period. We were able to remotely manage factory operations, sales and quality control remotely without putting our staff at risk. We were able to manage the supplies without any disruption for our corporate clients, who now consider us as reliable 'Supply Chain Partner'. TCS team has been very actively handholding us during the different stages of implementation and their support system gives us confidence in solving issues during activation and enablement."

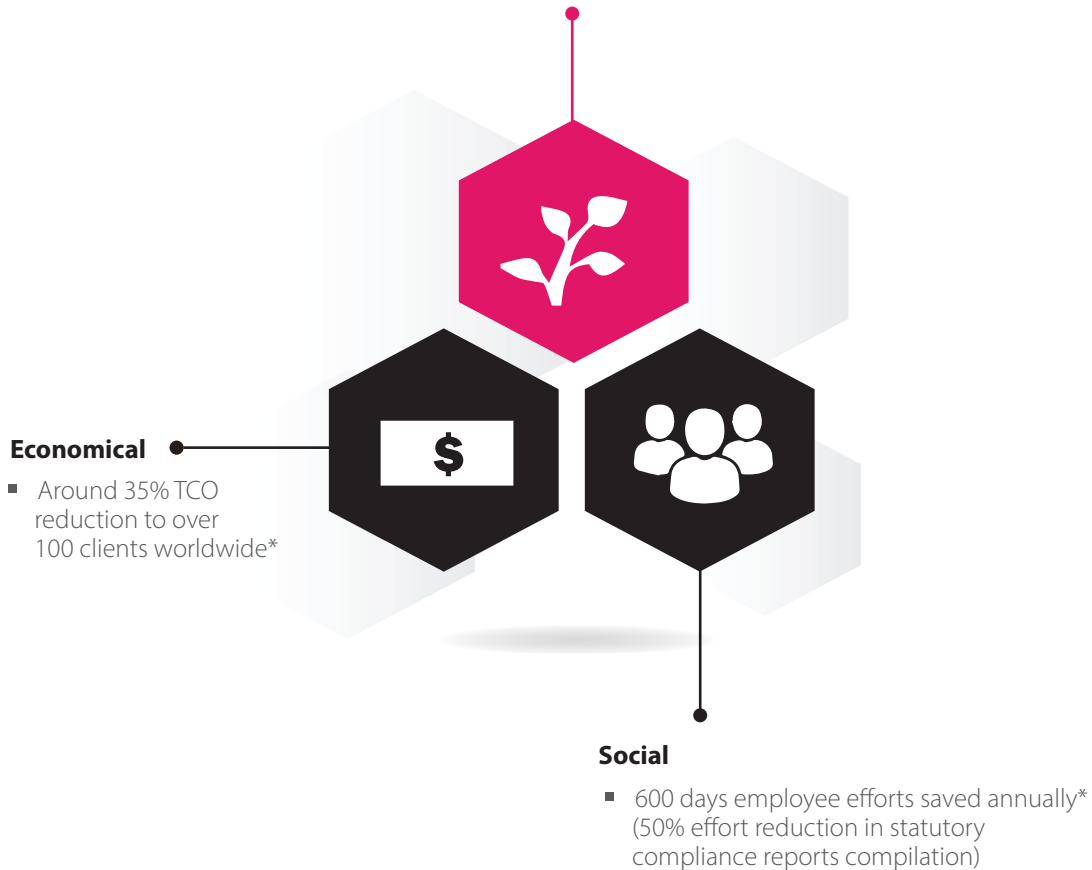
- Shiyas Ali M.M,
Director, Edathala Polymers Pvt Ltd

Impact created

TCS iON Digital Manufacturing Solution has created the following impact worldwide:

Environmental

- 45,000 kg paper saved annually contributing to 1192 trees saved*
- Oxygen availability to breathe 3576 more people* (study shows 1 tree provides oxygen to 3 people)



*Internal research



"One of the goals of the management was to integrate the entire operations with finance which was achieved with TCS iON implementation. From Finance perspective lot of information generated are more consistent and reliable as finance and non-finance are integrated. Extraction of financial statements happens very fast. Now we have more time for analysis of the information which was not so earlier. We think its is good platform for companies like us to adopt TCS iON and reap the benefits."

- Ranga KS,
CFO, Micro Plastics Private Limited



About TCS iON

TCS iON is focused on empowering people and organizations with tech-led education to transform themselves for the new world. It uses uniquely built 'Phygital' platforms that overlay digital technologies over physical assets. For recruitment boards, corporate entities, and education institutions, TCS iON offers a range of interventions that reimagine and transform all the key processes. For individual learners, it offers a plethora of multi-modal learning courses imparting varied range of skills and proficiencies. With all this, TCS iON serves every stakeholder in the education domain: school students, schools, education boards, youth, colleges, universities, skilling institutes, working professionals, corporate entities and recruiting organizations.

For more information, visit us at www.tcsion.com

For further inquiries, please contact us at enquiry.tcsion@tcs.com

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 606,000 of the world's best-trained consultants in 55 countries. The company generated consolidated revenues of US \$25.7 billion in the fiscal year ended March 31, 2022, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index.

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