

# TCS iON Digital Manufacturing Solutions - Business Suite

for Pharmaceutical Industry



The Indian pharmaceutical industry is under intense pressure, with margins being eroded in bulk drugs and generics, competition from domestic as well as global players, and higher costs of managing regulations. Additionally, changes in health patterns, fundamental research, and new manufacturing process technologies have all led to higher costs and longer lead times for new product launches at a global level.

A competitive pharmaceutical organization needs to have a focused approach towards drug development, optimizing R&D processes, and increasing customer loyalty. The company's business processes and support systems must be agile enough to allow rapid response to price pressures with complex contracts and rebates, while ensuring compliance with quality and regulatory requirements. The underlying IT infrastructure must

include future-ready, proven solutions that can scale up to meet the company's growth plans without being capital intensive.

Towards this, we at Tata Consultancy Services offer the TCS iON Digital Manufacturing Solutions - Business Suite for the Pharmaceutical Industry, an innovative domain-centric cloud ERP solution that integrates hardware, network, software, and services to address your IT requirements in a cost effective manner. Feature-rich, scalable, and analytics driven, the TCS iON Digital Manufacturing Solutions - Business Suite for the Pharmaceutical Industry gives you an integrated bird's eye view of all operations across the organization, enabling not just efficient procurement, but also maintaining the right level of inventory and lead time, thus facilitating a competitive advantage in the industry.



**TCS iON Digital Manufacturing Solutions - Business Suite for the Pharmaceutical Industry**

The iON Digital Manufacturing Solution for the Pharmaceutical Industry brings you a rich set of features to streamline your business:

Feature	Benefit
Expiry date and shelf life tracking	Track shelf life and expiry date for raw materials and finished goods so as to ensure execution of critical decisions (production, dispatch and more) on time
Generation of Certificate of Analysis (COA)	Generate respective COA for finished goods and raw materials from the system to ensure quality compliance
Tracking of by-products and co-products	Track by-products and co-products generated/produced during various production processes to ensure maximum utilization of raw materials
Job work tracking	Monitor job order status (production, dispatch, quality and more) through the system which allows complete documentation of job order ensuring legal compliance and audit readiness
Multi level BOM creation	Auto create job orders for semi-assemblies/semi-finished goods pertaining to a parent item with a multi-level BOM (based on the BOM structure defined). This saves considerable time and effort by eliminating the need to create job order transactions for every individual sub assembly manually
MRP (Material Requirement Planning)	Highly automated engine which allows production and procurement planning with a single click with predefined configurations. This ensures material availability for delivery and production in the right quantity, at the right time and helps minimize inventory stock
Min-max planning	Manages inventory level for critical material(s) above safety stock and auto replenishes once stock falls below reorder level
License tracking	License tracking facility automatically creates obligation (amount due) details, eliminating the need to create separate documentation. The amount is automatically updated as and when the goods are produced, giving the status and ensuring compliance with regulatory authorities
Quality test or retest	Allows testing of the rejected material again and records the possible recoveries thus reducing losses

## 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](http://www.tcsion.com)

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## 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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