



# iON Digital Manufacturing

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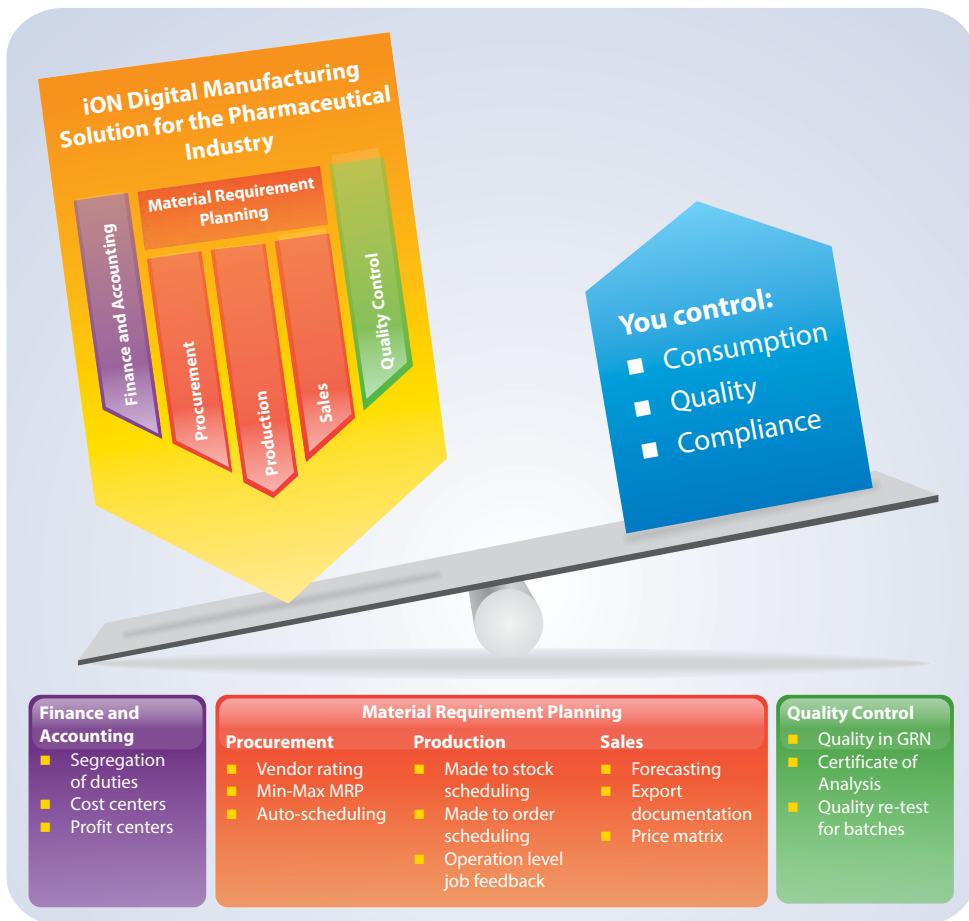
Pharmaceutical Industry

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 iON Digital Manufacturing Solution 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 iON Digital Manufacturing Solution 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.



**iON Digital Manufacturing Solution 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 a strategic business unit of Tata Consultancy Services focused on enabling institutions, government departments and organisations from multiple industry sectors to be efficient in their recruitment/admissions process, learning and skilling and overall business operations with the use of Phygital platforms. These are platforms that overlay digital technologies over physical assets.

We deliver this with a unique IT-as-a-Service model that provides easy-to-use, secured, integrated, and hosted solutions in a build-as-you-grow and pay-as-you-use business model. We serve our clients with the help of best practices gained through TCS' global experience, deep domestic market exposure along with industry leading technology expertise.

For more information, visit us at [www.tcsion.com](http://www.tcsion.com)

## Contact

*To know more about the iON Digital Manufacturing Solution*

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## About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering, and assurance services. This is 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 a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

For more information, visit us at [www.tcs.com](http://www.tcs.com)

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