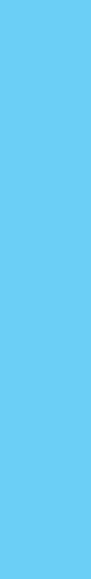


# Textile Solution





Globalisation, coupled with the fast growth rate of the textile industry today, compels enterprises to enhance competitiveness by mitigating cost implications. This is specially relevant because the textile industry product value chain is sensitive to the smallest market changes. It is therefore imperative for textile enterprises to have a clear visibility of order cycles and the supply chain to be able to produce quality textile products at optimal prices.

We, at Tata Consultancy Services (TCS), bring you the iON Textile Solution to address this need. Our on-demand iON Textile Solution is offered through our innovative IT-as-a-Service business model. This facilitates innovation, customer acquisition and revenue growth, while addressing your future Information and Communication Technology (ICT) needs.

## Overview

Your textile manufacturing enterprise is constantly exploring and introducing new product development methods with modern technology in order to stay competitive. In such an ever-changing scenario, you seek the ability to carry out operations seamlessly across the value chain. This is enabled by integrated and unified enterprise-wide systems, which ensures administrative and operational efficiency.

To help you achieve this, we bring you the iON Textile Solution, which ensures seamless flow of data among the various business functions, effectively manage

sales cycle-time and minimises lead-time in business processes and transactions. Our solution consolidates data across various isolated systems and generates and analyses detailed reports. Our iON Textile Solution also enables you to manage multiple vendors, suppliers and sub-contractors and provides you with informed status on the various stages of the order. The solution allows varied order processing from multiple customers to create strong customer traction. Our solution also aligns your ICT initiatives to your business goals, to bring you greater business benefits.



**iON Textile Solution Overview**

## The key features of our solution include:

- A **dashboard** that ensures a holistic view of organisation for the higher management;
- **Single click information** access on key ERP data;
- **Work-list management** is a feature that ensures enhanced user experience by quickly approving pending items;
- A **last accessed record** feature helps users to work on the last accessed record and complete it with minimal clicks;
- **Access control**, which ensures configuration -based access on the data available in the system;
- **Item codification**, which enables auto codification that suits your organisation's work culture;
- A '**copy**' feature for all components to save time when creating new records;
- Multi- level **Bill of Material (BoM)** to capture raw-materials that are required;
- A **shade size matrix** for easy user entry;
- An effective way to **handle the style, shade and size combination** in sales order, by avoiding the creation of multiple item codes;
- The ability to **tag multiple images** to any item, which flows throughout the application.

## Benefits

The iON Textile Solution is specially conceived to optimise and streamline various business processes which enable your organisation to integrate and collaborate with your forward and backward linkages, and gain a competitive edge. The other benefits that the solution offers are:

- Visibility of raw material, accessories and finished goods inventory at all stages, to enhance real-time traceability thereby reducing business cycle time;
- Improved customer service and sales by managing all the past transaction details and related information;
- Extensive reporting to ensure a substantial reduction in inventory, material costs, labor and overhead costs;
- Improved operational efficiency through quick decision making through real-time visibility;
- Utmost security of transaction data through different security layers;
- Auto lookup of key parameters for user friendliness.



Dashboard screen

## iON Textile Solution Functionalities

### Sales management

- Creating different types of sales orders for various styles, shades and sizes and 'set' configurations;
- Creating sales orders based on sales enquiries and sales quotations;
- Linking sales orders to the requirement of raw materials (BoM);
- Provisioning to capture multiple shipping addresses for a single sales order;
- Performing pre- order costing and budget costing;
- Conducting export documentation;
- Pack Handling for shipments, with different kinds of packing: assortment packs, ratio packs, solid color and solid size or solid color mix size;
- Creating sales invoices creation for selling activity of local (domestic) sale/ samples/ and export sales (proforma and commercial).

### Procurement

- Generating material requisition or purchase order for raw materials, packing materials, accessories, and capital goods, against a production order based on the item or style bill of material;
- Generating purchase order of various types: against material requisition, raw material or finished goods of sales order or direct purchase order;
- Generating sub-contract purchase order against production order or raw material: for example, dyeing, printing, embroidery.

### Production

- Routing and defining the operation steps to be performed in the process of manufacturing the finished product;
- Creating a job order to produce a finished item;
- Recording machine production (feedback), detentions or wastages;
- Handling sub-contracting for an operation or raw-material;
- Creating packing lists from shipment;
- Handling different kind of packing through pack handling;
- Enabling production with element handling feature;
- Ensuring automatic flushing of inventory during production operations;
- Conducting element splitting to accommodate fabric balances;
- Creating a time and action (T&A) calendar for effective tracking of key milestone activities in the process of customer order fulfillment, such as:
  - Sample submission, sample re-work and re-submission and approval status;
  - Procurement of accessories, raw materials (fabrics and trims);
  - Start of bulk production at fabric dyeing or sewing operation.
- Highlighting time slippages at various milestones, enabling timely decision making to take corrective actions;
- Creating various types of alerts via email, like pre-activity, delay and critical;
- Performing auto update of T&A tasks from all major transactions.

TATA ION | Textile

Launch Pad Production Master Dashboard

Menu JobOrder

New Open Save Copy Cancel Submit

Job Order TNA Tracking

Job Order No.  Description  Date  Status

Basic Details BOM Details Routing Details Image

Based On  Site  Transaction Category


SO No.  SO Description  Customer Name

Item Code  Item Description  Quality Required Flag

Routing Code  Routing Description  Total Job Quantity

UDM  Base UDM  Base Qty

Size Group Code  Job Start Date  Job Due Date

Remarks  Comments  

Job Order Details

Sr. No.	Delete	Shade	Ordered Qty	Mfg Qty	Unallocated Qty	Qty Of Current Job Order	Exha %
1	<input type="checkbox"/>	BLUE SPLASH	1,364.00	1,364.00	1,364.00	1,364.00	4.00
2	<input type="checkbox"/>	CANTEEN	3,036.00	3,036.00	3,036.00	3,036.00	4.00

JobOrder screen

### Inventory Management

- Creating goods receipts for various items against purchase orders or sub-contract POs with element handling feature;
- Creating Goods Received Note (GRN), with or without F&A impact;
- Enabling GRN for free quantity, coming from vendor along with required goods;
- Issuing materials to the shop-floor or sub-contractor;
- Receiving semi-finished or finished goods from the production department through pack or job receipt;
- Creating job order return and stock transfer entries;
- Enabling unplanned receipt for initial stock upload or stock to be adjusted when comparing book stock against the physical stock;
- Allocating and de-allocating the stock to given job order;
- Merging and de-merging item 'set';
- Tracing the inventory to batch number and element level;
- Enabling returnable and non-returnable gate passes.

### Quality

- Testing and inspecting goods received, semi-finished goods in production and finished goods, with element handling feature.

## Why iON

iON provides comprehensive solutions that address varied IT requirements. From network to ERP, iON is offered as a single service, in a pay-per-use model, allowing you to leverage the solution's true potential. iON ensures integration of all processes along with ease of use.

### **iON promises:**

- **High performance in normal broadband;**
- **Stringent security and data privacy;**
- **Guaranteed availability (99 per cent uptime);**
- **Disaster recovery;**
- **Reduced need for IT staff.**

iON, therefore, manages your processes while you use the software. You gain from:

### **Integrated solutions**

We ensure that all your solutions are connected. For example, if you are using a CRM along with an ERP, and have a document management system to organise your files, we ensure that these solutions are connected and work as one. So for you, it is simply IT and not applications.

### **Increased agility**

We bring in the agility to keep pace with changing processes or a new line of business. We help you configure the processes to work differently or simply choose new practices recommended by the software. Our activation system flags on best practices while the system is running. As you pick and choose, we give you more options to choose from.

### **A pay-as-you-use model**

This model eliminates capital investment as we provide the IT infrastructure and software on rent. You pay as you use and only for the number of users who actually use the software. The rent is charged monthly. Typically, the cumulative rental for three years is equal to the capital cost of acquiring similar or lesser software with one-time payment. Usually, the ROI exceeds rental within three months, when best practices are well followed. The rental includes maintenance and training, with no hidden costs.

### **Personalised solutions**

Although this is a cloud service, the software is configurable to each business. You will always get the flavour of your own business by picking and choosing what processes you would need.

### **Automatic upgrades**

We continuously invest in our solutions to ensure best practices. We enrich the software based on user feedback and business and statutory changes. We ensure the upgrade without disrupting the user.



**TATA CONSULTANCY SERVICES**

Hardware + Network + Software + Services

#### **About iON**

iON is Tata Consultancy Services' strategic unit for Small and Medium Business. iON provides end-to-end business solutions to the SMB segment, the growth engine of the economy. iON caters to the needs of multiple industry segments with best practices gained through TCS' global experience, domestic market reach, skills, know-how and delivery capabilities.

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

#### **Contact**

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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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