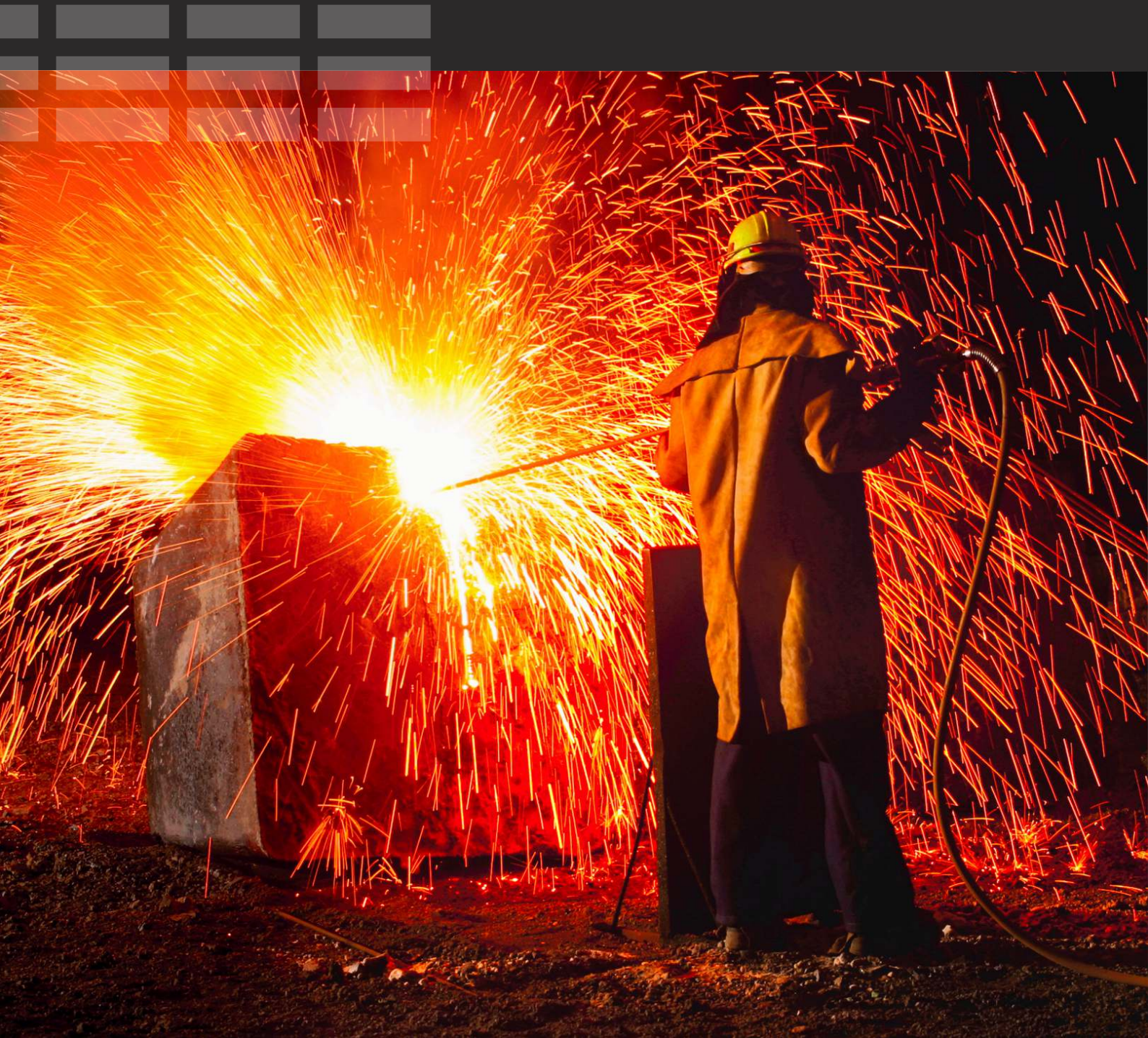


Case Study : Leading Manufacturer and Supplier of Automotive Die Cast Components



"...melting losses are highlighted clearly...we get a value wise report of how much losses we have incurred..."

Customer Testimonial

The Business

Customer Profile: A manufacturer and supplier of automotive die cast components.

Product Range: Engaged in manufacture and supply of automotive components, a specialist in aluminum high pressure die casting and machining of various automotive components and does the job work of various automobile components.

Operations: One of the prominent manufacturers and suppliers of clutch parts, starter motor parts, CNC machine components and industrial tubes. Its comprehensive array of products is manufactured using latest process engineering techniques.

Business Issues

- Lack of integration between operations of sites: Lack of real-time inventory and operations tracking mechanisms and inefficient communication between sites leading to lot of manual effort and dependencies to maintain clear visibility of operations and information flow between the sites
- Inventory Reconciliation: Lack of real time information on the inventory quantity and valuation at various locations/sites leading to inefficiencies across the supply chain. Lack of a proper inventory tracking mechanism at the sub-contractors location
- Manufacturing and finance Integration: Lack of integration between manufacturing (purchase and sales) and finance leading to manual entries in finance without real time collaboration.
- Statutory Reports: Statutory reports in finance module were not available. Hence, most of the reports were manually generated and submitted.

IT Challenges

- Lack of an ERP system led to the need for an integrated system to streamline both manufacturing and finance & accounting modules, in order to have a single view of inventory, operations and accounts
- Manual tracking of inventory, production status, quality process, material issue (sub-contract/repair), sales and process, required automating the coordination between the factories and head office to maintain proper visibility of production process at factories
- No system present for tracking the production and its quality leading to inefficiencies and lot of manual effort in tracking the quality certified production inventory to avoid customer escalations

The TCS iON IT as a Service Way

- Inventory Tracking: Proper inventory management and feature of standard bill of material and alternate bill of material led to efficient inventory tracking and management. This helped the procurement department in better planning, production department to work efficiently and the management to have visibility across all operations of the organization
- Statutory reports: Statutory reports in finance were not addressed. So even after having an ERP in place, most of the reports were manually generated and submitted. With the TCS iON Manufacturing Solution, all the important reports such as RG 23A, stock valuation report, etc were addressed and generated by the solution. In addition, the Head Office now has timely access to accurate financial and other MIS reports
- Solution configured to enable real-time coordination: Real-time coordination between sales and production resulted in efficient shipment, invoice and sales order generation, saving considerable data entry time and effort and in building efficiencies
- Integrated Procurement, Quality and Production modules: Offer seamless tracking and visibility of purchase, quality and inventory related transactions avoiding manual effort and communication inefficiencies while maintaining an updated and quality certified inventory track.

"TCS iON...it is a business' nervous system...entire data...entire information... flows through it..."

Customer Testimonial

To summarize

- Increase in organization-wide transparency, efficiency, effectiveness and accountability
- Ensured optimal utilization of resources
- Integrated system avoided redundancy and led to saving time and effort
- Optimized inventory levels ensured better planning and reduced inventory costs
- Real-time visibility and on-time availability of critical and statutory reports improved quality of decision making

Relevant part of the software

Manufacturing Solution

- Order to cash
- Procure to pay
- Procurement plan
- Production Plan
- Quality module
- Distribution Management

Finance & Accounting

- Financial statements
- Approval workflows
- Taxation

Why TCS iON

TCS iON provides a comprehensive solution that addresses varied IT requirements of your organization. From hardware, network to ERP, TCS iON is offered as a single service, in a pay-as-you-use model, allowing you to leverage the solution's true potential as your business grows. TCS iON ensures integration of all processes along with ease of use of the software.

You gain from:

Integrated solutions

We offer single- window IT with a pre-integrated suite of hardware, network, software and services. We ensure that your functions are digitized, automated and connected. For example, if you are using a CRM solution along with a core ERP (e.g Manufacturing), and have a document management system to organize supporting files and a HRMS, we ensure that these solutions are connected and work as one. So for you, it is simply one IT and not multiple applications. Integrated applications thus provide a comprehensive view of business enabling better decisions.

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 as you currently do or the software recommends and allows you to choose industry best practices based on your business parameters. The solution gives you increased convenience allowing you to perform various tasks from your mobile device, no matter where you are. Being automatically compliant with statutory requirements, the solution ensures your company is always audit ready and legally compliant.

A pay-as-you-use model

Our model eliminates capital investment up front as we facilitate procurement of the IT infrastructure and software on rent for the duration of the contract. Additionally, you only pay for the number of users who actually use the software. Thus, you pay as you use on a monthly basis which includes maintenance and training. Typically, the ROI exceeds rental within three months, when best practices are well followed.

Personalized solutions

Although TCS iON is a cloud service, the software is configurable to each business. You will always get the flavor of your business by picking and choosing what processes you would need. Furthermore, the multilingual capability of the software allows you to customize the solution label names to read in vernacular languages (like Hindi, Marathi, Tamil etc) enabling users to learn and operate the solution with ease.

Automatic upgrades

We continuously invest in our solutions to incorporate best practices. The software is constantly enriched based on user feedback and industry and statutory changes. You will get the upgrades without disrupting your business operations or any additional cost. Being in perpetual beta ensures that there is no technology obsolescence.

Enhanced Business Continuity

Our solution offers optimal performance in normal broadband connectivity along with a stringent security mechanism to ensure your data privacy is maintained. The capacity of the solution grows with your increasing computing needs and reduces the need for IT staff. The solution is resilient to failures as the service works from back-up data centers in the event of a disaster, ensuring continuity of business operations.





About TCSiON

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

Contact

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TCSiON.com



[youtube.com/
iONCloud4SMB](https://www.youtube.com/iONCloud4SMB)

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, BPS, 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 over 385,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US \$17.6 billion for year ended March 31, 2017 and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India.

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

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