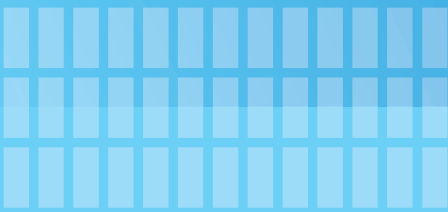
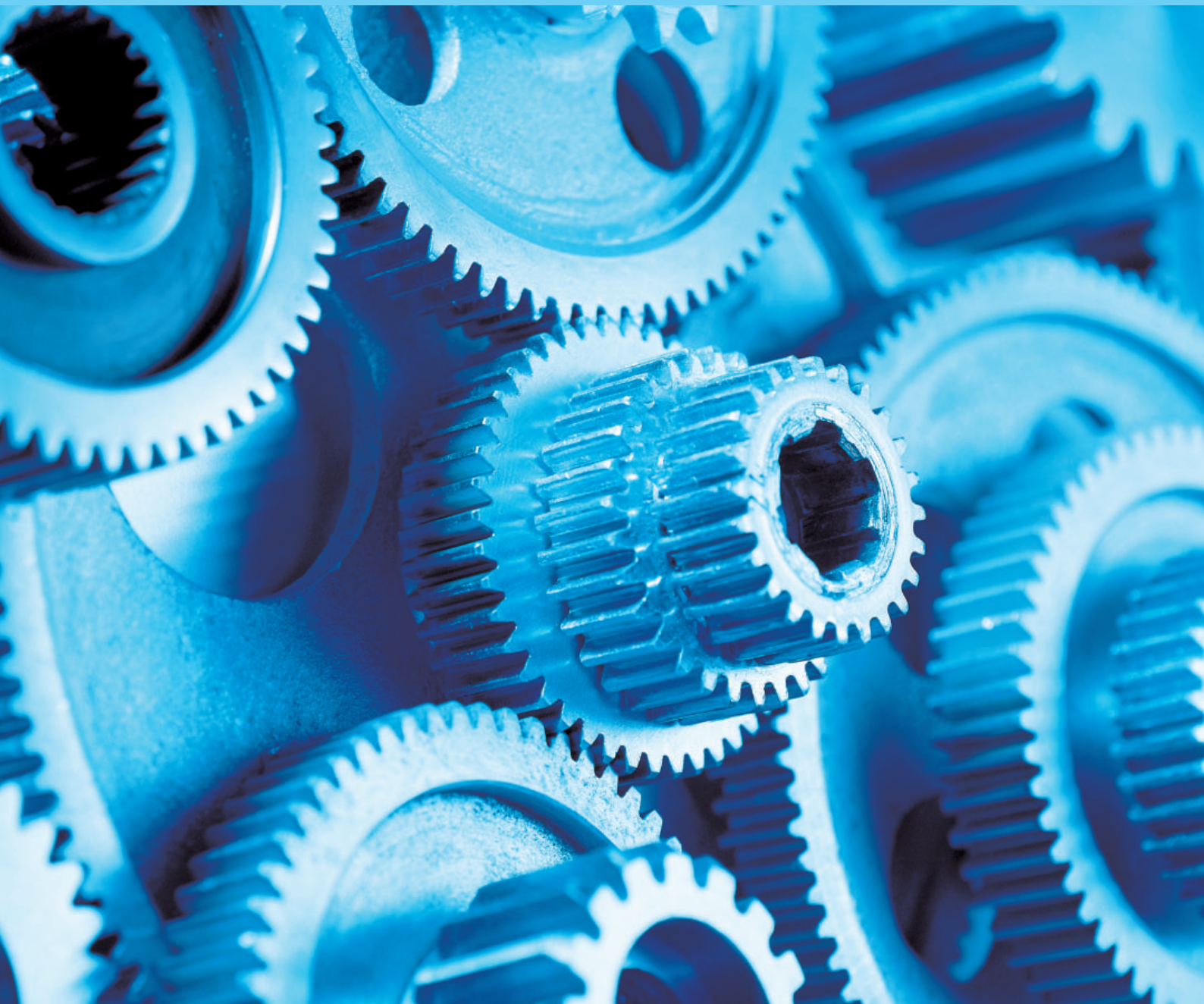
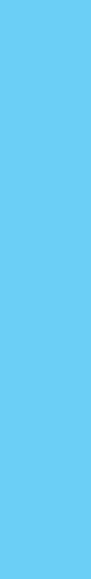


# Manufacturing Solutions



Small and Medium Business



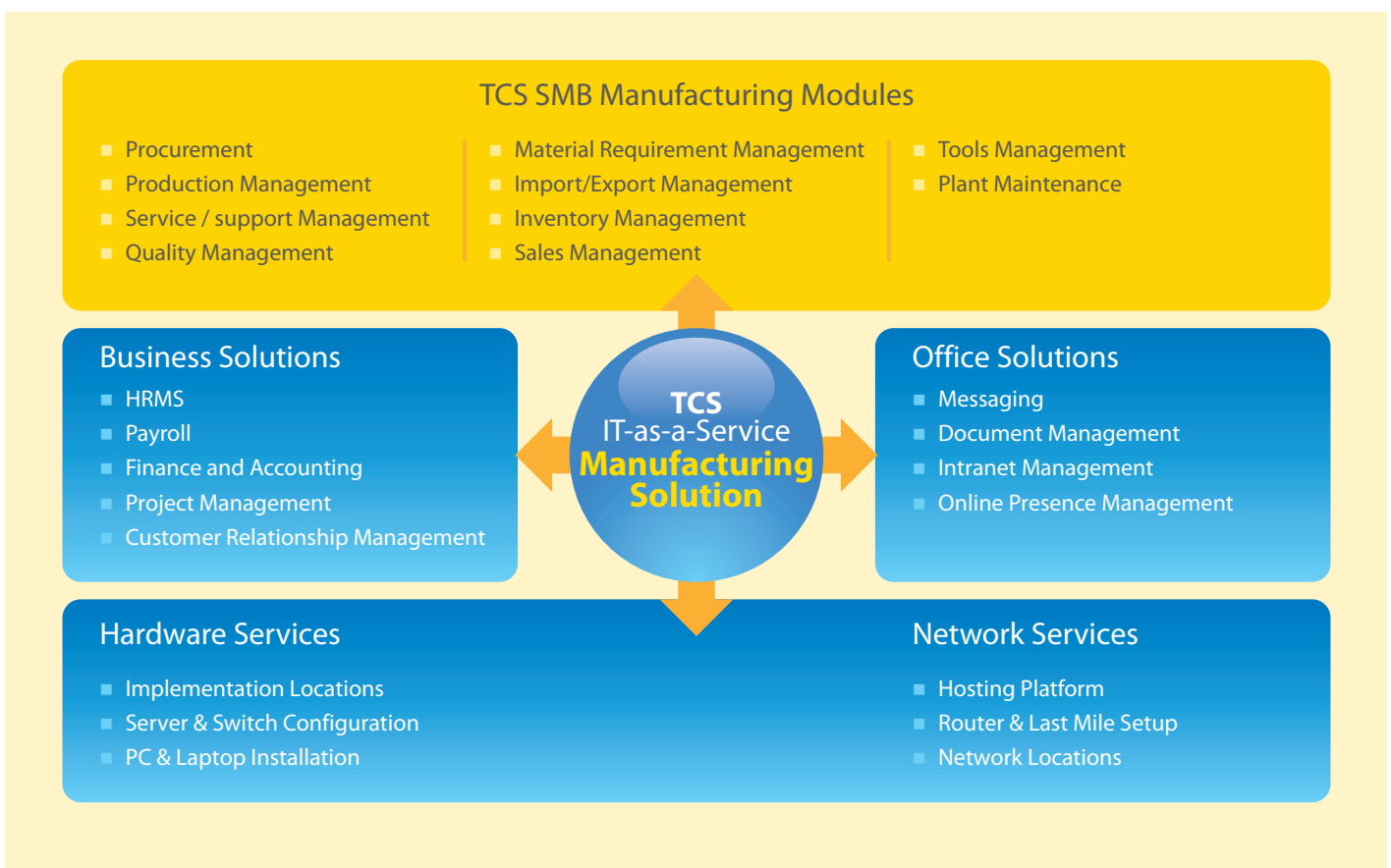


Designing and producing winning products is a result of getting the specifications right and streamlining the production processes to harness overall business efficiencies. Much also depends on getting the pricing right by introducing cost-efficiencies, derived from controlling wastage and reducing time-to-market. To achieve this, expanding manufacturing firms seek to efficiently track the performance of multiple plants and numerous departments, processes, products, and markets. Companies also look to factor in the effects of changing business dynamics, increasing competition, and globalisation. Enterprises meet these challenges by streamlining operations and business models.

Towards this, we, at Tata Consultancy Services (TCS), offer our Manufacturing Solution. Our specially-designed Manufacturing Solution is based on industry R&D and caters to the needs of rapidly-growing manufacturing units. We offer the integrated solution as a service, thus enabling you to keep investments low while delivering benefits in terms of cost, processes, and profitability.

*"UB is very pleased to have TCS SMB providing infrastructure, applications, and services for our businesses in India. It gives us great confidence to have an organisation like TCS provide us the support that we need as we grow our business. It has given us the flexibility we need to grow our business as and when we want to."*

**Clifford Burroughs**, Group IS & Lean Director, United Biscuits



**An overview of our Manufacturing Solution**

## Benefits

Our Manufacturing Solution propels your business to new heights and brings you benefits of:

**Streamlined procedures**, achieved by:

- **Complying with regulations.** We offer India-specific functionalities to address legal and procedural requirements relating to taxation, pricing, excise, export, and import.
- **Standardising procedures.** We introduce standardised procedures across your business, with room to implement customised high-end processes.

**Cost advantages**, through:

- **Streamlining cash flows.** The solution is designed to shorten the financial close cycle. This includes procurements-to-pay on the purchase side and orders-to-cash on the sales side.
- **Reducing costs.** Our solution brings overtime labour into check through improved schedules and helps reduce overhead and transaction costs.

**Focused procurement strategy**, facilitated by:

- **Streamlining procedures.** Our solution helps rate vendors and conduct purchase price variance and usage variance reviews to identify patterns in procurement costs and production consumption costs.
- **Reducing procurement costs.** Our solution helps you plan purchases to avoid peak pricing and small orders. This ensures savings of upto 10 per cent or more, reduces rush charges by upto 90 per cent, and lowers shipping costs by 10 to 50 per cent.

**Informed decision-making**, enabled by:

- **Integrating isolated systems.** By integrating isolated systems in geographically-dispersed branches, we help you monitor business processes in significant detail. As a result, you drill down to factory-level details to quickly identify and solve problems.

- **Getting unified real-time views.** By providing access to a smooth flow of consolidated financial information that represents operations across multiple business centres, we enable product-wise tracking of costs and revenues.

**Higher revenues**, obtained by:

- **Cutting losses.** Our solution helps identify loss-making products and eliminate unprofitable inventories before losses pile up. The solution also pin-points processes that need to be streamlined in order to reduce business cycles.
- **Satisfying customers.** Our solution helps ensure that you achieve greater efficiencies in customer support services, such as warranty tracking and after-sales services. The solution helps manoeuvre markets in your favour by gaining new customers and retaining old ones.



## What do you get?

Our Manufacturing Solution offers feature-rich modules to streamline every aspect of your business:

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### Inventory management

**Helps you track:**

- Receipt of goods;
- Material consumption and transfers;
- Jobs;
- Stock adjustments;
- Movement of scrap;
- Finished goods batches.

**Generates extensive:**

- Inventory costing and valuation reports;
- MIN-MAX planning reports.

### Production management

**Facilitates preparing and monitoring of:**

- Bill of materials;
- Job orders and feedback;
- Routing operations;
- Production planning;
- Subcontracting;
- Back flush;
- Scrap and loss generation.

**Generates extensive:**

- IBOM reports;
  - Production reports.
- 

### Procurement

**Helps you track:**

- Purchase requisition;
- Purchase quotation;
- Purchase order;
- Returns to vendor.

**Generates extensive:**

- Vendor rating analysis;
- Purchase reports.

### MRP

**Facilitates:**

- MRP set up;
- Vendor selection for MRP;
- Planned purchase order;
- Planned job order;
- Master plan scheduling;
- MRP engine.

**Generates extensive:**

- MRP reports.
- 

### Sales management

**Manages:**

- Sales enquiries, quotations, and orders;
- Schedule sales order;
- Shipments and sales invoice;
- Pricing;
- Tax configuration.

**Benefits from timely:**

- Sales returns;
- Sales forecasts;
- Sales targets;
- Sales reports.

### Quality management

**Helps:**

- Define quality specifications.

**Monitors:**

- Goods' inward quality;
- Quality in production;
- Finished goods' quality;
- Sample quality test.

**Generates extensive:**

- Quality reports.
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### Import/ export management

**Facilitates:**

- Import management;
- Export management;
- License maintenance;
- Export obligations tracking;
- Delisting of advance license;
- Customs duty calculations.

**Generates extensive:**

- Import/ export reports

## Add-on modules

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### Plant maintenance

**Facilitates:**

- Preventive maintenance schedules;
- Request for maintenance;
- Request for product change over;
- Request for commissioning and installation;
- History card for machine;
- Planned preventive maintenance;
- Action against requests and schedules.

**Generates extensive:**

- Plant maintenance reports.

### Tools management

**Facilitates:**

- Tools master set-up;
- Tools purchase/ receipt;
- Tools inventory;
- Stock status updation;
- Tools scrap valuation;
- Tools issue/ receipt.
- Tools issue/ receipt.

**Generates extensive:**

- Reports.

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### Service/ support management

**Maintains:**

- Item master for spare parts;
- Spares order for warranty/ spare stock/ after warranty;
- Spare shipment/ invoice;
- Spare stock purchase/ receipt;
- Spare part inventory.

**Generates extensive:**

- Reports.



## Why TCS

At TCS, we understand that you benefit the most from investing in infrastructure to expand your core operations. We, therefore, offer comprehensive, cost-effective solutions, which allow you to pick and choose from our bouquet of services including hardware, software, and networked computing infrastructure, and pay for what you use.

The five-point TCS advantage

**1. Pay-as-you-use.** This model eliminates capital expenditure and allows you to only pay the subscription charges for the hardware, software, and networking services that you actually use. You also benefit from:

- The aggregated purchasing power of the Tata Group, which means that you pay the lowest possible price for third-party products and services;
- Contracts with no price escalation and no hidden costs;
- Our innovative model, which reduces your current IT spend by a minimum of 30 per cent .

**2. Avail IT-as-a-Service.** This 'pick -and-play' option allows you to pick a solution and get started without any delay. You benefit from:

- Reduced installation time;
- Paying only when you 'go-live', thereby eliminating project delays and failed implementation scenarios. You also get immediate returns on investment;

- Protection from technology obsolescence and periodic investments in technology upgrades;
- Reduced costs and efforts associated with technology licenses;
- Working with minimal IT support staff and the assurance of reliable and responsive helpdesk support.

**3. Build-as-you-grow.** We understand that IT needs grow as the business expands. From using a few standalone computers to a networked environment to a variety of productivity solutions, we help you scale-up operations and adopt sophisticated systems for your growing business needs. We also help you overcome legacy applications to make room for modern enterprise solutions.

**4. Best-in-class.** We bring in best-in-class infrastructure and processes for your business and continuously invest in our solution to ensure that it reflects evolving best practices and processes.

**5. Get anytime, anywhere, secure data access.** We protect your data through multiple security-layers and provide your authorised personnel secure, anytime, anywhere data access. In addition, our efficient disaster recovery capabilities help put your business back on track without delay.

## Contact

To know more about Manufacturing Solution, contact

Email [smb.ithelpdesk@tcs.com](mailto:smb.ithelpdesk@tcs.com)

Toll Free Number (India) 1-800-209-6030

### **About Tata Consultancy Services (TCS)**

Tata Consultancy Services is an IT services, business solutions and outsourcing organization that delivers real results to global businesses, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled services 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 160,000 of the world's best trained IT consultants in 42 countries. The Company generated consolidated revenues of over US \$6.3 billion for fiscal year ended 31 March 2010 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)

## IT Services Business Solutions Outsourcing

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