

Electronic Contract Manufacturing



Tellumat
Electronic Manufacturing

➤ Electronic Manufacturing Solutions

QUALITY – SPEED – FLEXIBILITY

In an increasingly competitive market place we understand that responding swiftly with innovative new products is crucial.

Tellumat Manufacturing has two electronics assembly and manufacturing facilities uniquely structured and equipped to provide from “labour only” to a true full turnkey solution. Our expertise centres on complete system solutions for all levels of complexity including prototyping, quick turn-around and both low and high volume production for a range of markets including telecommunications, military, aerospace, metering, security, industrial, audiovisual and medical.

Our manufacturing solutions can reduce time-to-market, lower total costs, improve asset utilisation, and ultimately increase market share and margins of our partners. As a division of Tellumat (Pty) Ltd., we enjoy a heritage of innovation in the electronics industry. Our business is about understanding customer needs and responding to these with dynamic and competitive services and solutions



➤ Electronics Assembly and Manufacturing Facility

True Full Turnkey Solution

Tellumat Electronic Manufacturing - a full suite of design, manufacturing, and post manufacturing services. Integrating quality, speed and flexibility across all functions, we can provide our customers with innovative, unique solutions to cover the entire product life cycle.

New Product Introduction / Industrialisation

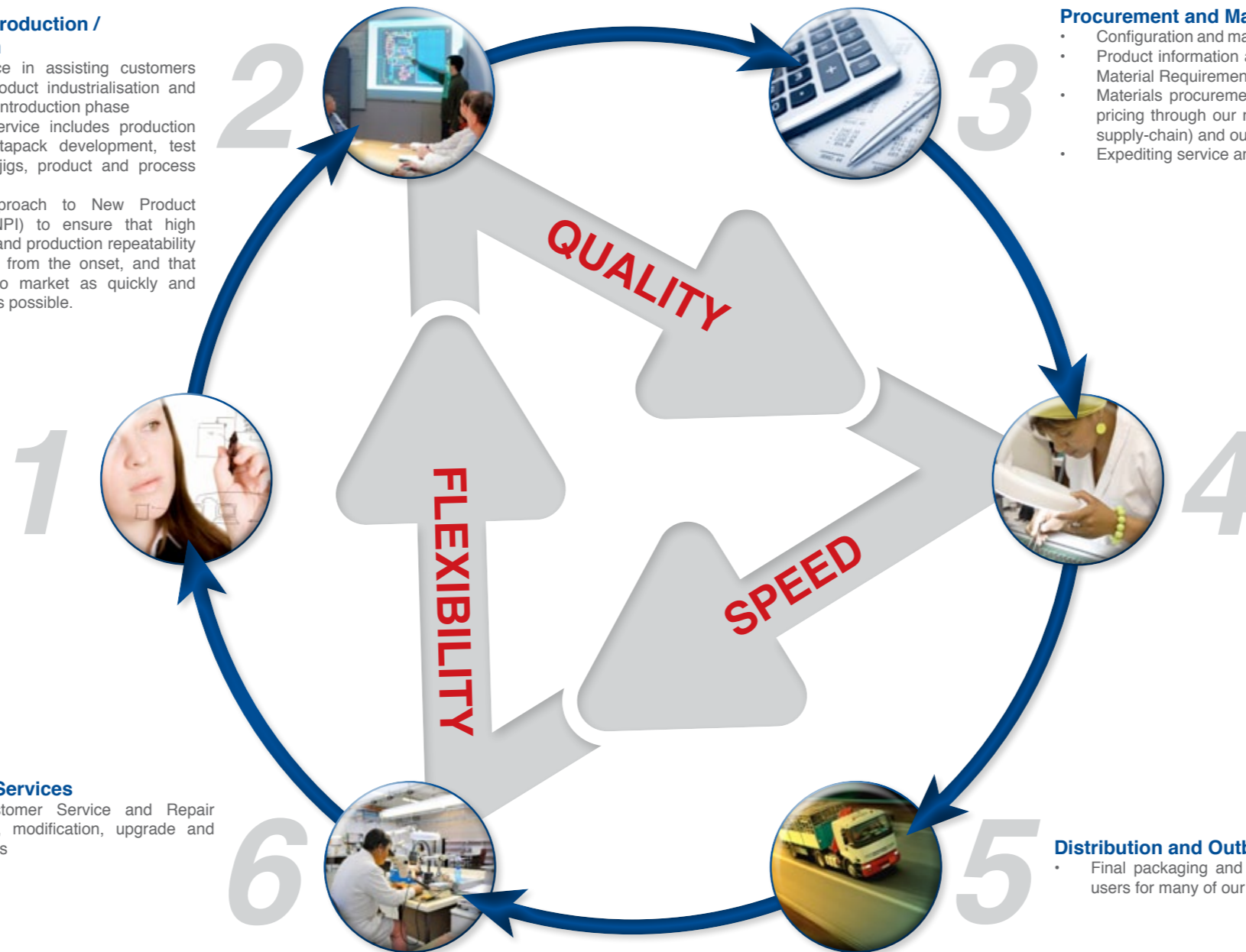
- Vast experience in assisting customers through the product industrialisation and manufacturing introduction phase
- Engineering Service includes production jig design, datapack development, test solutions and jigs, product and process refinement
- Structured approach to New Product Introduction (NPI) to ensure that high product yields and production repeatability are achievable from the onset, and that products get to market as quickly and economically as possible.

Product Development

- Innovative in-house design team
- Skilled technical staff
- Full contract development service and customer assistance in designing products for manufacturability

Post Manufacturing Services

- Comprehensive Customer Service and Repair Centre offers repair, modification, upgrade and refurbishment services



Procurement and Materials Management

- Configuration and materials management utilising our best-of-breed ERP system (SAP)
- Product information assembled in a well-structured Bill of Material that feeds into the Material Requirements Planning (MRP) cycle
- Materials procurement department ensuring our customers benefit from preferential pricing through our mature supplier relationships (in both the local and international supply-chain) and our significant buying power and consolidation of purchases
- Expediting service and supply chain management ensuring best delivery

MANUFACTURING

- Two purpose built factories enable us to quickly and efficiently adapt to customers' changing needs and products allowing us to handle products of varying complexity and volumes, from prototypes to high volumes.
- Reliability and quality built into customer's products by utilising automated Surface Mount Technology (SMT), Through-Hole-Technology (THT), wave solder equipment and skilled operators with stringent quality assurance measures being applied throughout each process.
- Test capability (developed over many years) offers a variety of customer solutions from simple pass/fail testing of high-volume products to full systems functionality testing (including complex Radio Frequency technologies)
- Integration capabilities (e.g. electromechanical, wiring, harnessing) from simple box integration to complex final system integration
- Complete product build state configuration information captured and maintained through a system developed in-house
- Comprehensive Environmental Testing Facilities on site
- SANAS approved calibration laboratory

Distribution and Outbound Logistics

- Final packaging and logistics / shipping to end users for many of our clients

➤ As companies concentrate on core business to be more competitive,

they seek a reliable partner to oversee production.

In order to adapt to the challenge of changing technologies while meeting customer expectations, Tellumat is continually improving its service and equipment base with significant capital investments in new technology and additional capacity.

Manufacturing is our core offering. We cater specifically for clients who wish to concentrate on their core business. Our service is based on quality, quick response, flexibility and a comprehensive project management approach. Moreover, our track record, ability to build and sustain long term customer relations, and our extensive capabilities ensure that we are well placed to provide a complete turnkey solution to manufacture and support your product lines

Retreat Facility

9000m²

Prototyping to volume production



Atlantis Facility

11 000m², expandable to 24 000m²

Mostly high volume production



Some of our clients:



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Electronic Manufacturing

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