



eXensys Micro Vertical Solution

Micro-Vertical – Electronic Parts

Agenda

Industry Overview

Industry Characteristics

Key Processes 'n' Challenges

eXensys Best Practices



Industry Overview

Micro-Vertical – Electronic Parts

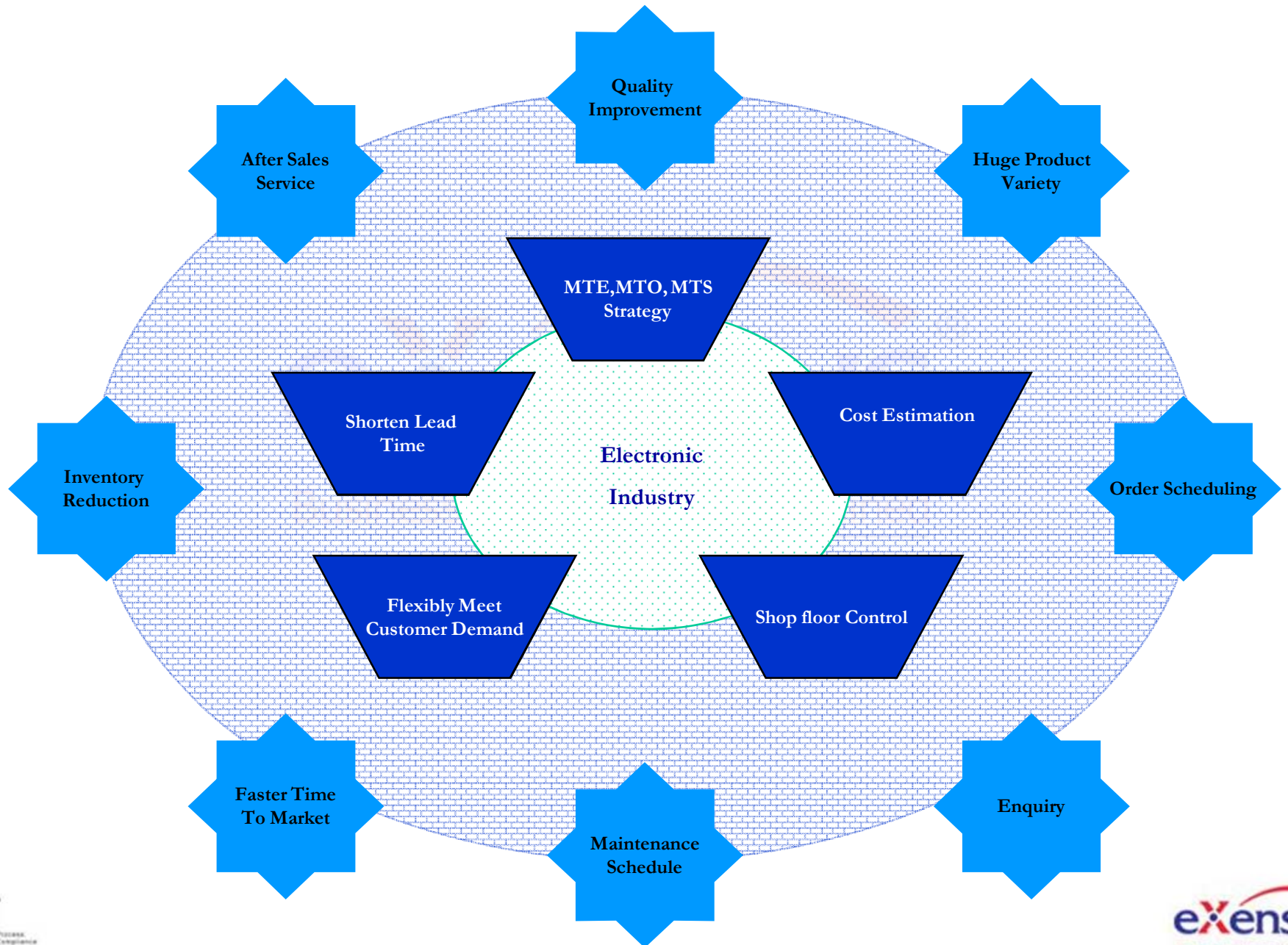
The demand for electronics is expected to be fuelled by the growth telecommunications, PC, Broadband connectivity and home appliances. Primary product include computers, Mobiles, Refridgerators,TV's, washing machines,etc. Production of computers has grown steadily ever since IT sector have boomed, and so is the demand for electronics segment and consumer electronics.

To succeed in this industry, companies need to ship differentiated products and services cost effectively, focusing on innovation and economies of scale.



Industry Characteristics

Micro-Vertical – Electronic Parts



Key Processes 'n' Challenges

Micro-Vertical – Electronic Parts

Key Processes

- Sales enquiry and quote processing
- New Product Development
- Demand consolidation for a user defined periods
- Detailed planning generating production, purchase order (Standard & Sub-contract)
- Maintenance of stock at shop floor, stock at vendor
- Tracking of production process at sub-contractor location
- Incoming, sub-contract receipt, in-house production quality inspection
- Preventive & predictive maintenance schedules

Challenges

- Reduction in production lead time
- Shorter Product Life Cycle
- Tracking of production cost incurred
- Effective Inventory Management
- Non Availability of critical items
- Visibility of dead stock
- Maintaining Production Quality

Business Performance Sustained

eXensys Best Practices

Micro-Vertical – Electronic Parts

S.No	Pain Areas	Why do companies fail?	eXensys Best Practice
1	Maintaining production quality	<ul style="list-style-type: none"> ➤ No proper quality checks. ➤ Difficulty in trouble shooting 	<ul style="list-style-type: none"> ✓ Incoming quality checks for raw materials ✓ Quality checks for sub-contractors production ✓ Stage wise checks during production
2	Reduction in production lead time	<ul style="list-style-type: none"> ➤ No input output control ➤ Improper management of orders ➤ No control on shop activities 	<ul style="list-style-type: none"> ✓ Automatic lead time calculation based on routing ✓ Capacity calculation based on finite or infinite capacity ✓ Scheduling option for forward and backward ✓ Production order rescheduling
3	Efficient inventory management	<ul style="list-style-type: none"> ➤ No tracking on stock on raw materials ➤ No order methodologies for items ➤ Subcontractor stock is not known 	<ul style="list-style-type: none"> ✓ Maintenance of shop floor items ✓ Maintenance of stock details variant specific ✓ Maintenance of subcontractor stock details ✓ Maintenance of ROL's for items



Thank You!

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Business Performance Sustained