



eXensys Micro Vertical Solution

Micro-Vertical – Switch Gears

Agenda

Industry Overview

Industry Characteristics

Key Processes 'n' Challenges

eXensys Best Practices



Industry Overview

Micro-Vertical – Switch Gears

Switch gear products are used to connect or disconnect a part of high voltage power systems. It is an essential element for the protection and safe operation, without any interruption, of a high voltage power system.

The product is invented in 19th century. It is currently being produced with large number of variants, the technology has improved and it is currently used with voltages up to 1100 kV.



Disconnectors & earthing switches

High-current switching mechanism

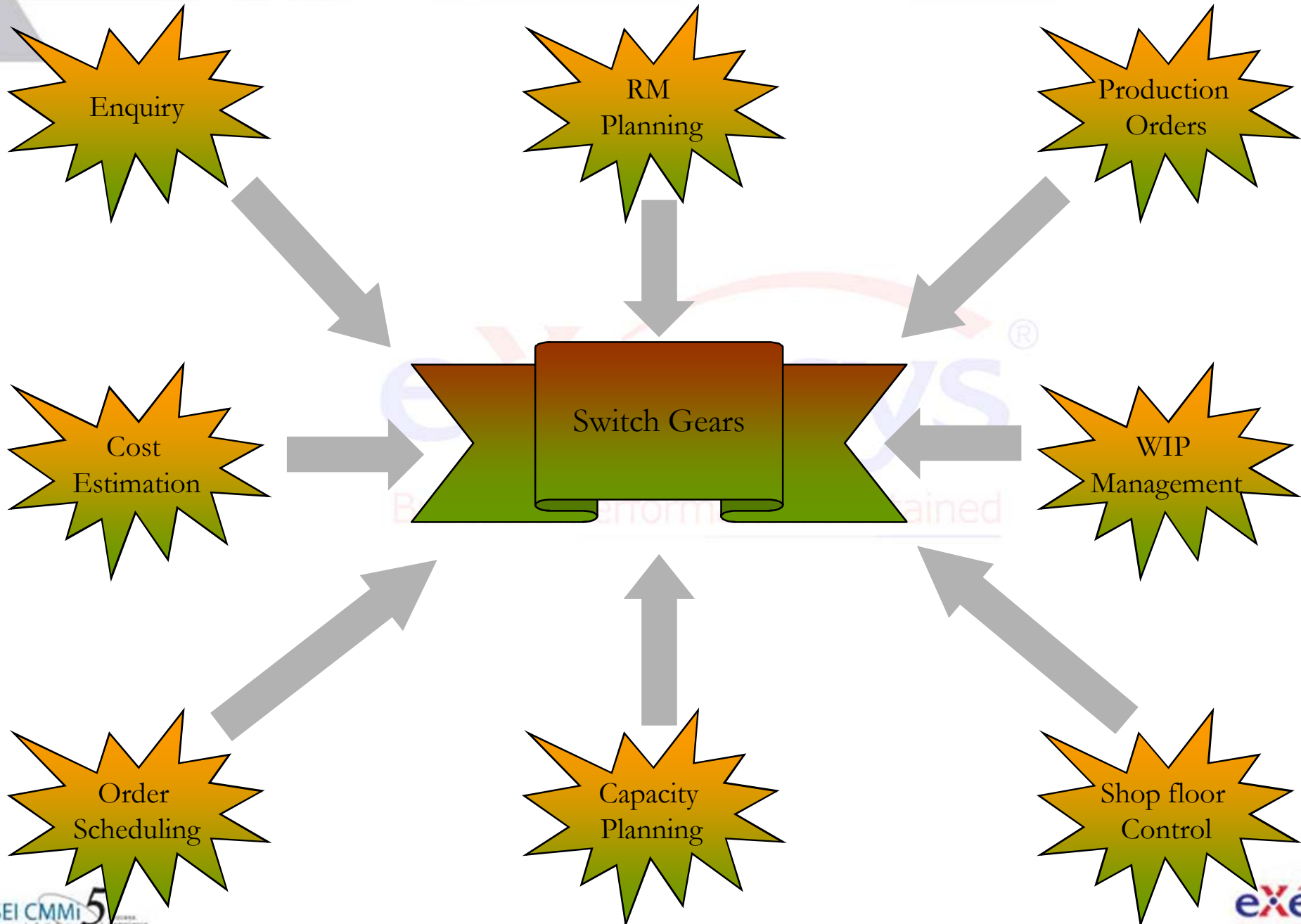
Contactor

Fuses

Circuit breaker

Industry Characteristics

Micro-Vertical – Switch Gears



Key Processes 'n' Challenges

Micro-Vertical – Switch Gears

Key Processes

- Sales Order management
- Detailed Planning
- Production Orders Generation
- Production Orders Re-scheduling
- WIP Management
- Monitoring sub-contractor operations
- Installation & Commissioning



Challenges\Pain Areas

- Reduction in Production Lead Times
- Reduction in Production Costs
- Inefficient Inventory Management
- Not able managing Purchase Lead Times
- Not able to maintaining Production Quality

eXensys Best Practices

Micro-Vertical – Switch Gears

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. ➤ Skipping the inspection process ➤ 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 ✓ Installation & Commissioning
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 ➤ Not maintaining standard times 	<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

