

BUSINESS PERFORMANCE IMPROVEMENT - PRODUCTION CONTROL WORKSHOP**PRODUCTION CONTROL WORKSHOP**

PRODUCTION CONTROL is the systematic planning, coordinating, and directing of all manufacturing activities and influences to ensure goods are made on time, at acceptable quality levels, and at a predetermined cost.

SOUNDS SIMPLE!

It is only simple if you do not realize that manufacturing has a reliance and direct link to engineering, estimating, order entry, service, purchasing, inventory control, receiving, shipping, equipment maintenance, customers and vendors. When you take all of these factors into consideration, the simple becomes more complex.

OVERVIEW

Synergy's Production Control Workshop addresses how to implement a "*Leaner*" production control system, using pull system thinking to tie together product family flows across the entire facility. Those who would benefit from attending this workshop include Production Control, Manufacturing Engineering, Purchasing, Technical Support and Lean Change Agents.

APPROACH

Through instruction, discussion, an in-class simulation and exercises, this workshop explains how to optimize your processes and ERP systems to leverage the power of pull systems, starting with customer demand and working back through finished goods to raw materials.

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Step 1: Business Process Mapping

- › New Part Creation Process
- › Work Order Process from Planning to Release
- › Purchase Order Process from Planning to Release

Step 2: Training & Database “Clean-Up” Planning

- › ERP training:
 - » Part Maintenance
 - » MRP Concepts for Work Orders
 - » MRP Concepts for Purchase Orders
 - » SmartViews Basic Training
 - » Scheduling Concepts Overview for Future Improvement Planning
- › Gate Keeper Assignment
 - » Part Maintenance
 - » Purchase Approval
 - » Defined list of data cleanup homework:
 - » Data Review of Existing Part Maintenance Data Impacting Material Planning for Purchased and Fabricated Parts

Step 3: Process Design, Validation & Deployment

- › Design
 - » Part Maintenance
 - » Work Order Process from Planning to Release
 - » Purchase Order Process from Planning to Release
- › Validation
 - » Part Maintenance
 - » Work Order Process from Planning to Release
 - » Purchase Order Process from Planning to Release
- › Pilot
 - » Part Maintenance
 - » Work Order Process from Planning to Release
 - » Purchase Order Process from Planning to Release
- › Deployment
 - » Support

WHAT YOU WILL LEARN

Specific topics include:

- » How to Maintain the Part Master File
- » When to Build-to-Stock versus Build-to-Order
- » Buffering Demand Using Raw, Sub-level or Finish Goods Inventory
- » Optimizing Planned Leadtimes
- » Using Kanban and Auto-issue Methods

WORKSHOP OUTCOMES

This workshop will equip you with all the basic tools needed to design and implement a more efficient production control strategy.

The benefits to achieving a “Leaner” production control system include:

- » On-time Delivery Improvement
- » Inventory Levels Optimized
- » Production Lot Sizes Optimized
- » Process Lead Time Improvements

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