

i2 Factory Planner v6.2 Level II

3-February-2006



The Supply Chain Company™

Summary

Solution Type:	SCM
Industry:	General
Product(s)/Template(s):	i2 Factory Planner (Discrete Edition)
Target Audience:	Implementers (Super User / Application Engineer)
Delivery Method:	Instructor-Led Training
Training Approach:	Lecture, Demo & Hands-on
Duration:	2 days
Version:	6.1 Web User Interface

Description

This course builds upon the knowledge and skills gained in the Factory Planner Level I Training by addressing some of the more complex features and functionality found in Factory Planner. In the Advanced Materials Planning section, the student will be introduced to additional features such as Assemble-to-Order and Attribute-based Planning. In the Advanced Capacity Planning section we will deal with topics such as Batch Resources and Sequence-dependent Setups. The course also revisits the three main functional processes which consist of Infinite Capacity Planning, Finite Capacity Planning and Advanced Scheduling. These subjects are covered in more detail and greater depth to give the more advanced User a better understanding of the underlying design and implementation choices. .

This course utilizes the web-based user interface and both the native and TmAPI data sources.

Content

This course is composed of the following modules:

Day 1	Module 1: Advanced Materials Planning
Day 1-2	Module 2: Advanced Resources Planning

Prerequisites

- **i2 Factory Planner v6.2 Level I Training - Required**
(Note: Please bring your training materials from FP Level I to this class)
- Basic PC knowledge and skills, including MS Windows™

Course Objectives

Upon the completion of this course, you will be able to:

- Discuss basic data requirements for a typical Factory Planner implementation
- Explain how various manufactured and procured parts features are implemented in Factory Planner
- Explain how different resource modeling options are implemented in Factory Planner

- Discuss advanced inventory-related and capacity-related modeling constructs
- Discuss Factory Planner algorithms for materials planning, capacity balancing, and scheduling and demonstrate their use

Day-by-Day agenda

Day 1

- Advanced Material Planning – features and functionality
 - Inventory Assignments – a closer examination of ICP functionality
 - Assemble To Order
 - Multiple Line Items
 - Attribute Based Planning
 - Other topics
- Advanced Capacity Planning – features and functionality
 - Resource Queue Times
 - Batch Resources
 - Sequence Dependent Setups

Day 2

- Advanced Capacity Planning (continued)
 - Supplement – Blocks and Cycles
 - Other topics
- Advanced Capacity Planning – features and functionality (continued)
 - Constraint Anchored Optimization (CAO) – details of functionality and settings which control CAO algorithm behavior
 - Advanced Scheduler – details of scheduling functionality in FP