MBA Series 3 Mfg Job Shop

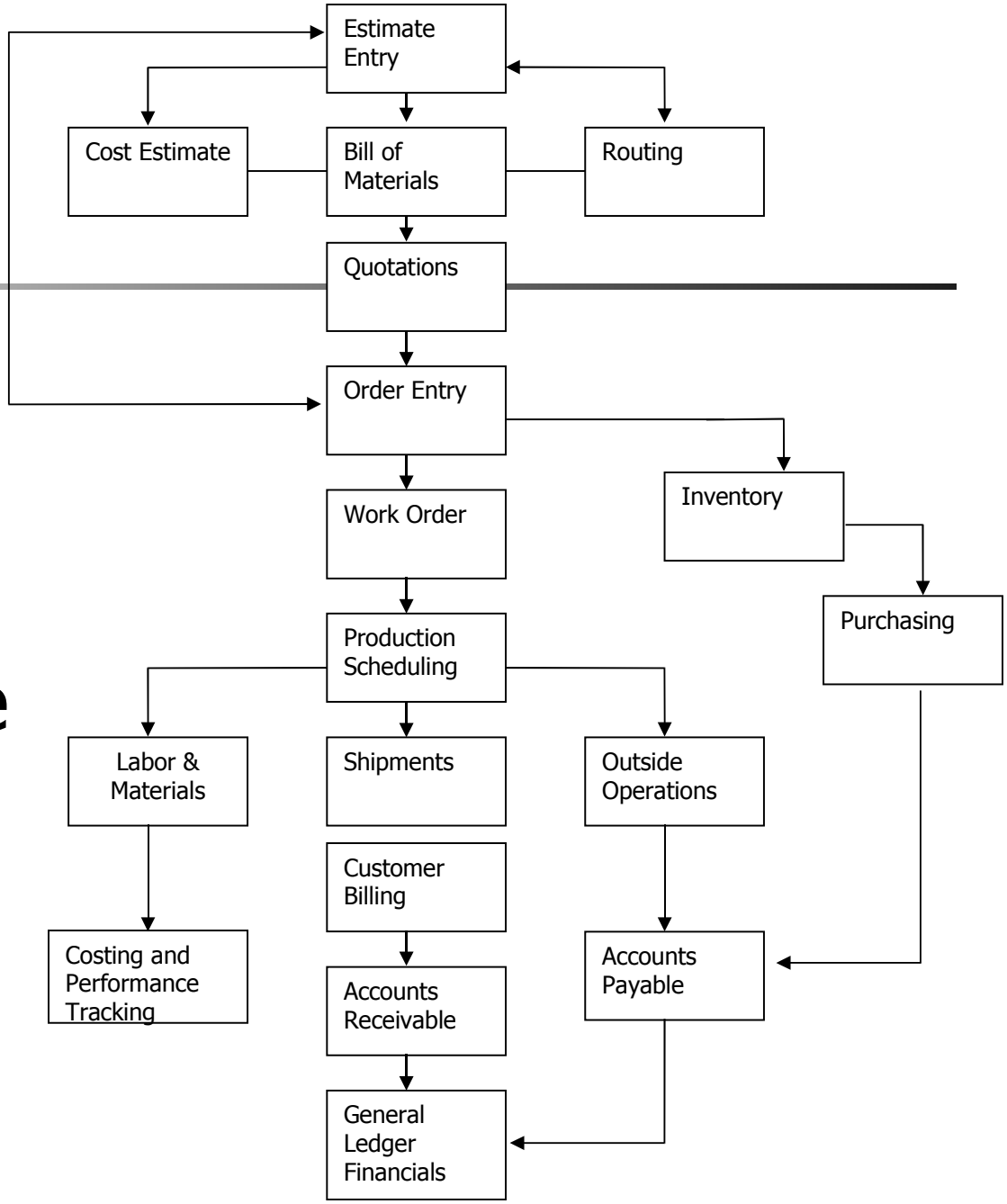
- Complete integration to AR/GL/AP, etc.
- Discrete versus Job Shop/Repetitive
- Niche Concept
- Full Security
- Eliminating need for Modifications
- Leverage with other users

Introduction - Services

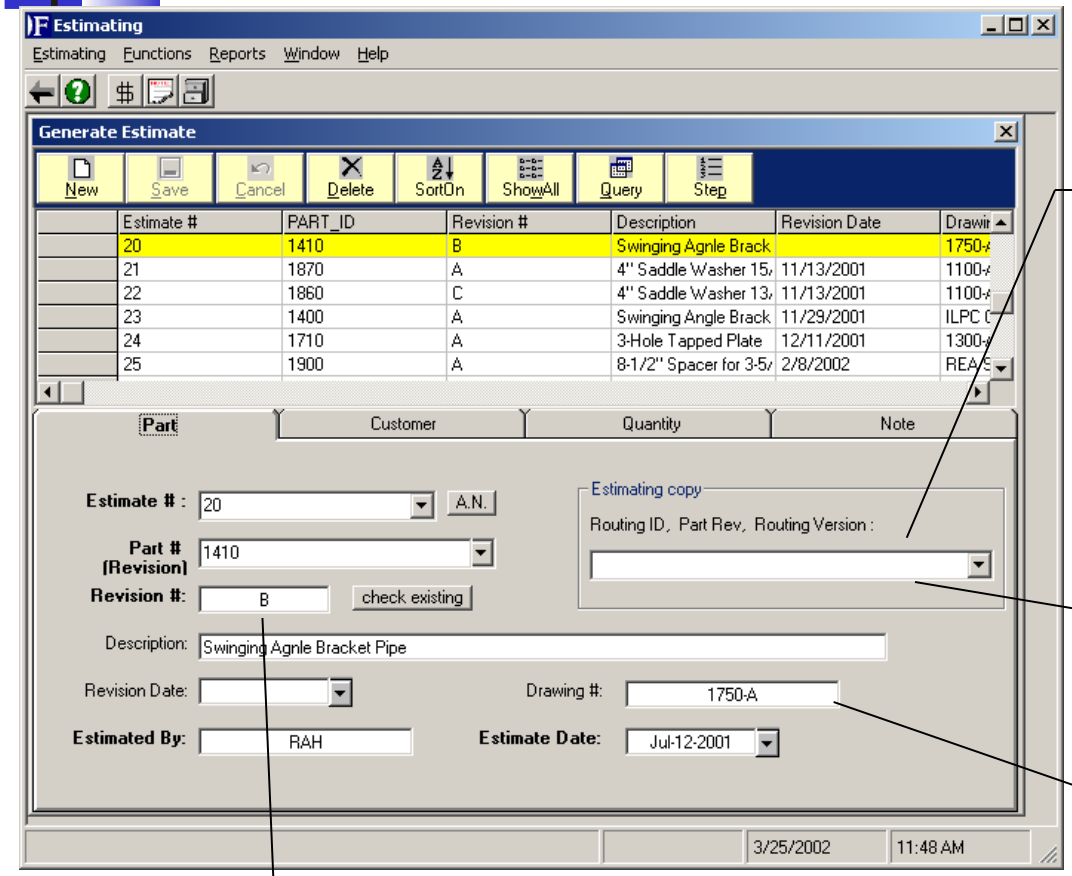
- 800 Hot Line
- On-Line Training/Consulting
- Technical Support
- Programming Services
- Remote Access
- Turn-Key Solution

Flow Chart

- Simplified Data Flow
- Visual Planning
- Interchangeable Routings, Estimates & Work Orders



Estimating Part Info



Routings can be copied to estimates and then changed to create new Routing, Estimate or Work Order…

…or copy this Estimate from an existing Estimate.

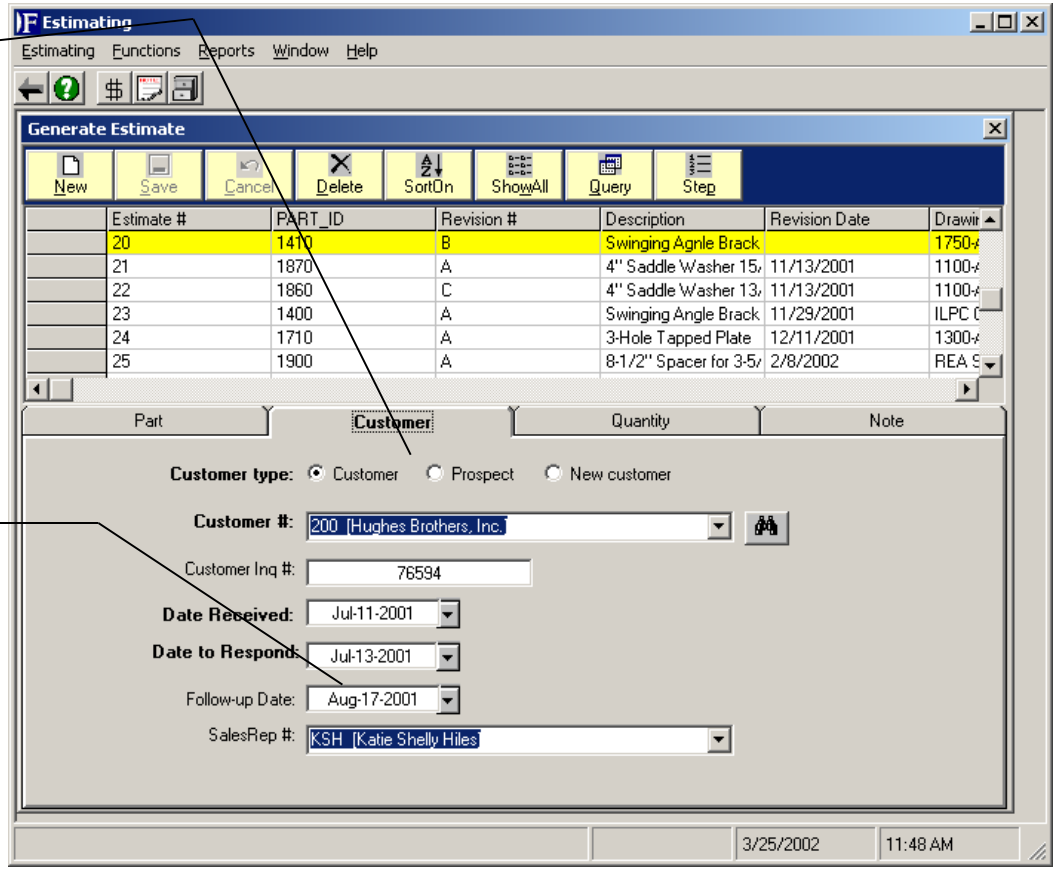
Attach a drawing for reference and viewing.

Track multiple Estimate Revisions

Estimating Customer Info

Estimates can be tracked by Customer or Prospect.

System automatically notifies Estimator at later time when he needs to respond.



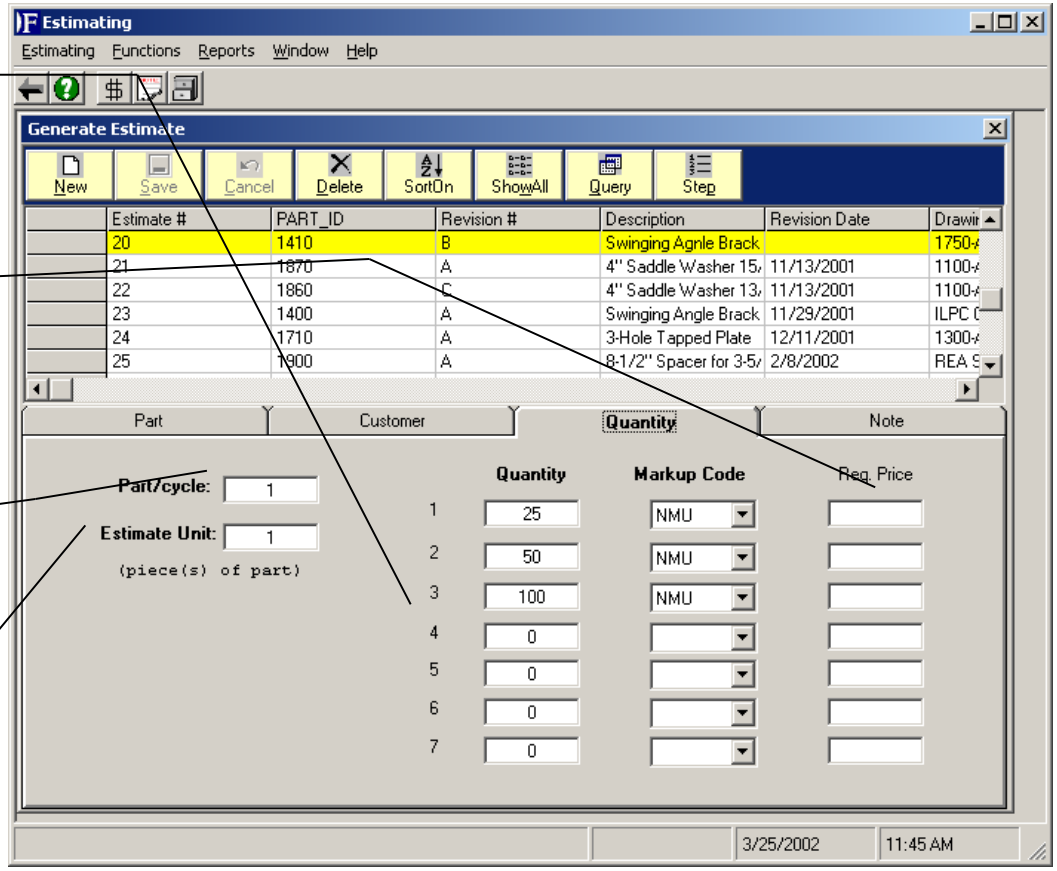
Estimating Pricing Info

Select different combinations of Quantity and Markups.

Mark the target price a customer has given.

Define the parts per cycle being used.

Estimate Unit defines qty level.



Estimating Material Step

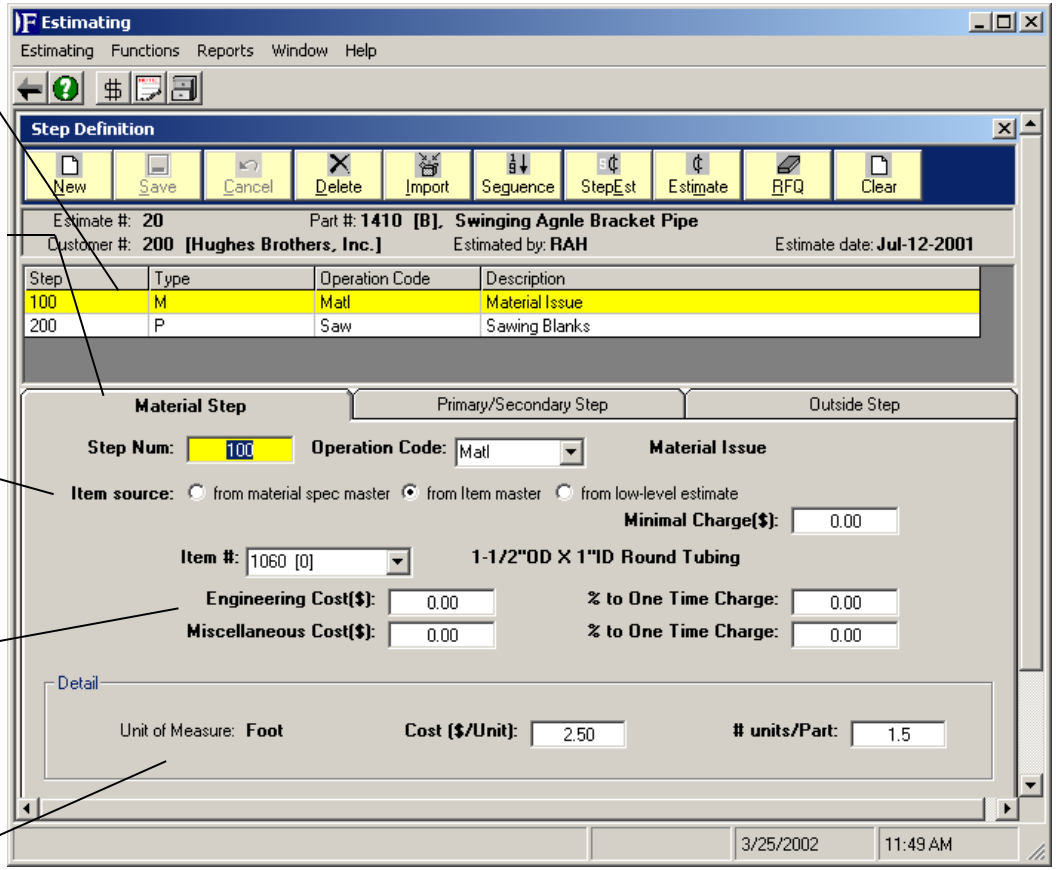
All steps in a Estimate appear in the grid.

By selecting a step type in the estimate grid, the corresponding form appears, in this case a Material step.

Choose the Item Source type to get correct cost source.

Define specific fixed costs for this estimate step.

Review and/or modify specific material step detail.



Estimating Primary/Secondary Step

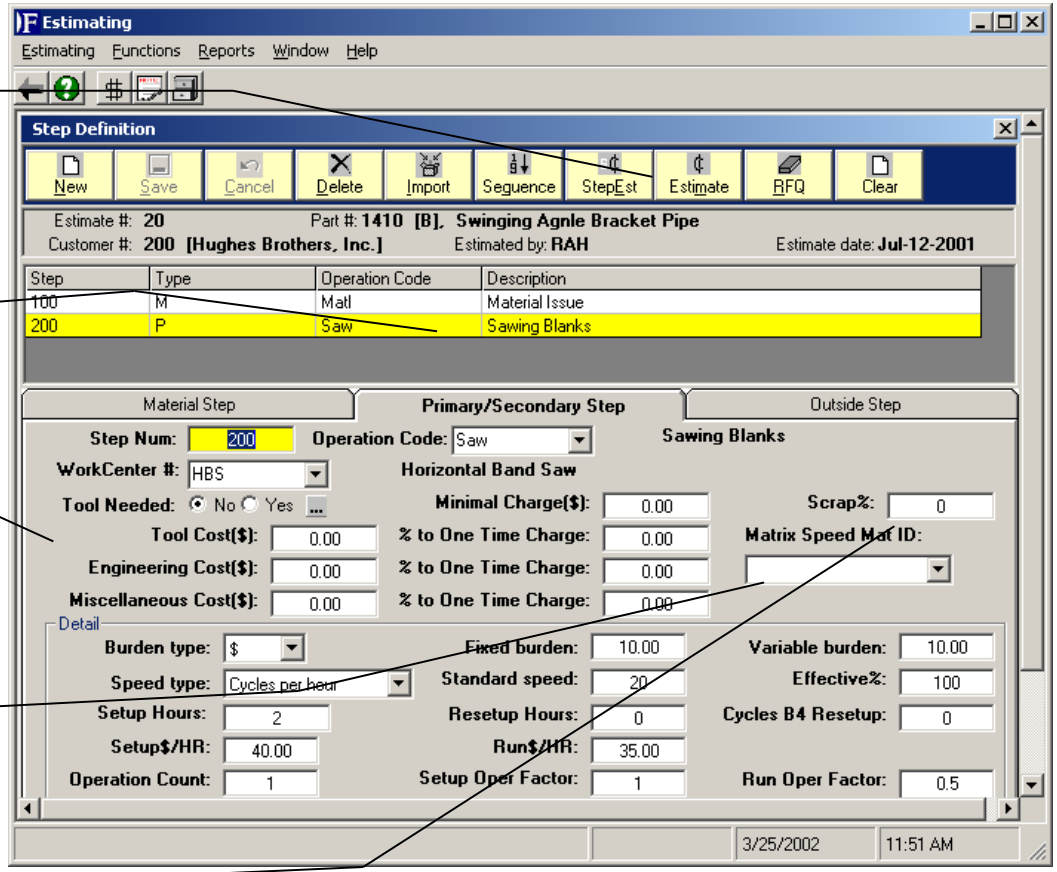
At any point we can see a specific steps detail or total cost makeup.

Now we are viewing a Primary or Secondary step.

There are many associated costs we can define with a Primary or Secondary step.

Select pre-defined standard speed for this step.

Define step Scrap% to get correct starting quantity.

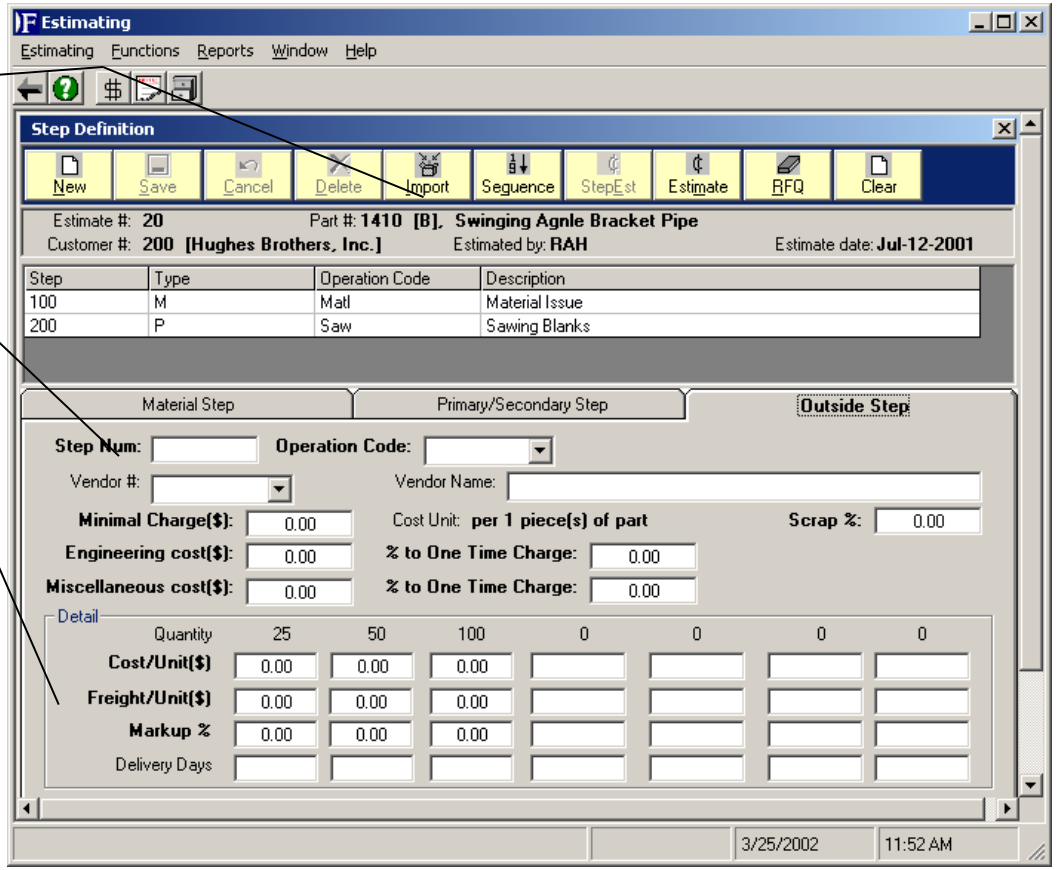


Estimating Outside Step

Use this utility to import a step from existing routings.

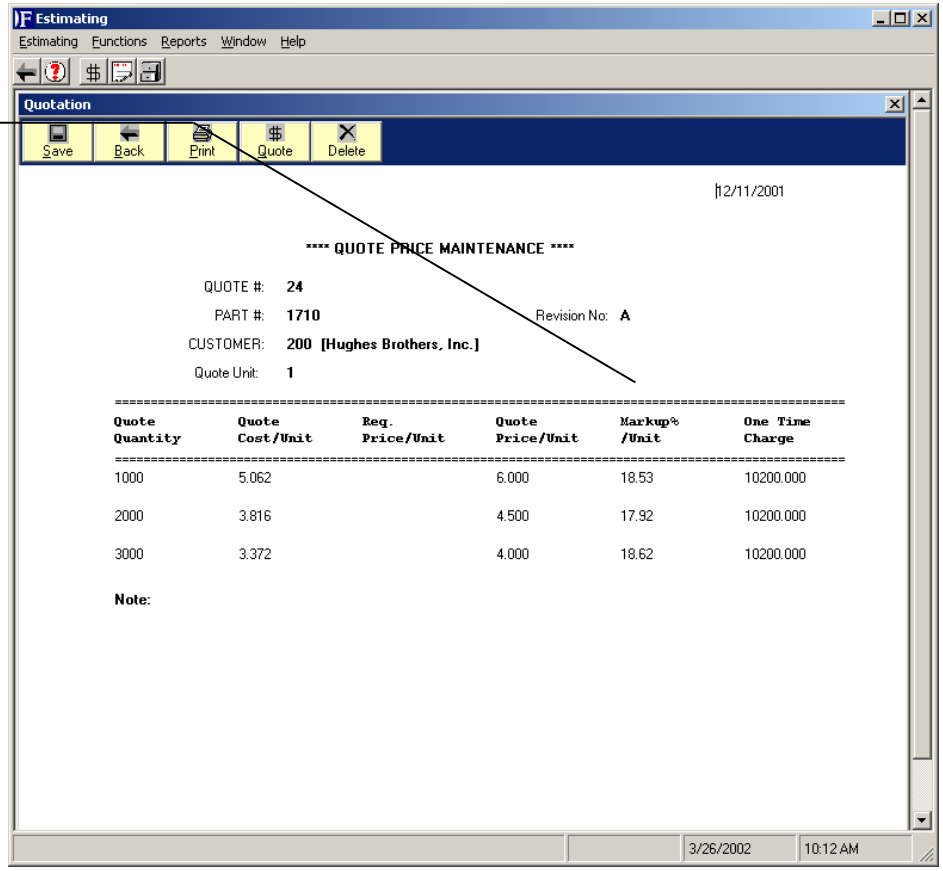
Pick your Vendor here.

Detail Quantity Costs and Markups are defined here.



Estimating Review

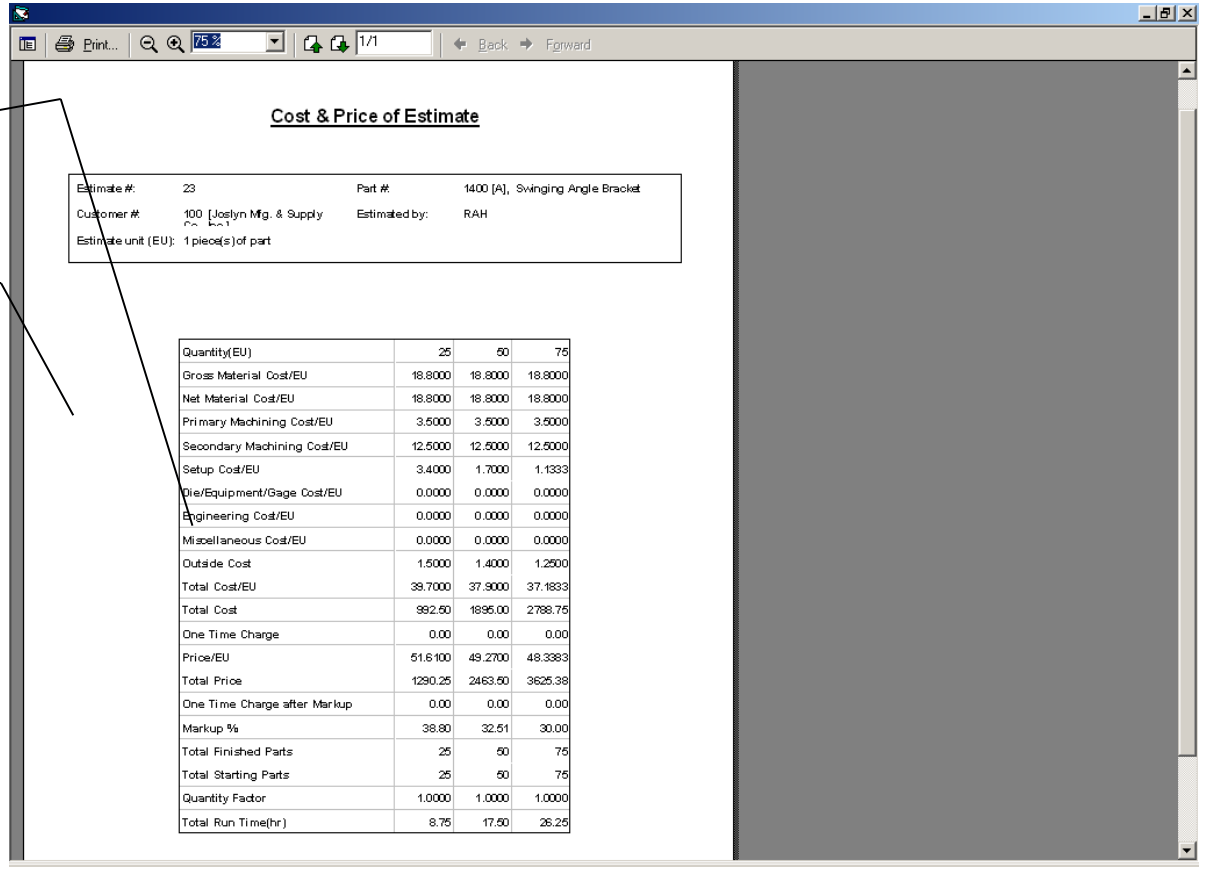
Immediately after making your estimate, you can negotiate your Quote Price, Markup%, and/or One Time Charges with this easy to use screen



Estimating Review

See the detail cost and pricing per piece level.

Either the detail step or overall part estimate can be seen in this format.



Cost & Price of Estimate

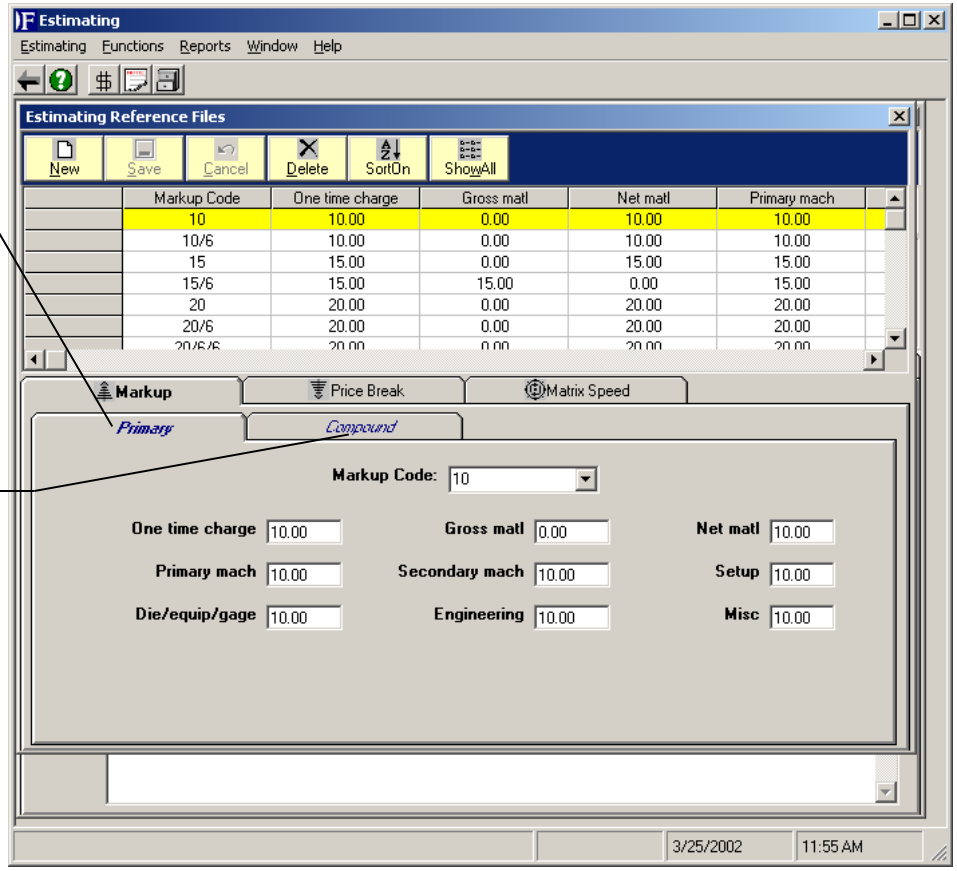
Estimate #:	23	Part #:	1400 [A], Swinging Angle Bracket
Customer #:	100 [Joslyn Mfg. & Supply	Estimated by:	RAH
Estimate unit (EU):	1 piece(s) of part		

Quantity(EU)	25	50	75
Gross Material Cost/EU	18.8000	18.8000	18.8000
Net Material Cost/EU	18.8000	18.8000	18.8000
Primary Machining Cost/EU	3.5000	3.5000	3.5000
Secondary Machining Cost/EU	12.5000	12.5000	12.5000
Setup Cost/EU	3.4000	1.7000	1.1333
Die/Equipment/Gage Cost/EU	0.0000	0.0000	0.0000
Engineering Cost/EU	0.0000	0.0000	0.0000
Miscellaneous Cost/EU	0.0000	0.0000	0.0000
Outside Cost	1.5000	1.4000	1.2500
Total Cost/EU	39.7000	37.9000	37.1833
Total Cost	992.50	1895.00	2788.75
One Time Charge	0.00	0.00	0.00
Price/EU	51.6100	49.2700	48.3383
Total Price	1290.25	2463.50	3625.38
One Time Charge after Markup	0.00	0.00	0.00
Markup %	38.80	32.51	30.00
Total Finished Parts	25	50	75
Total Starting Parts	25	50	75
Quantity Factor	1.0000	1.0000	1.0000
Total Run Time(hr)	8.75	17.50	26.25

Estimating Markup Maintenance

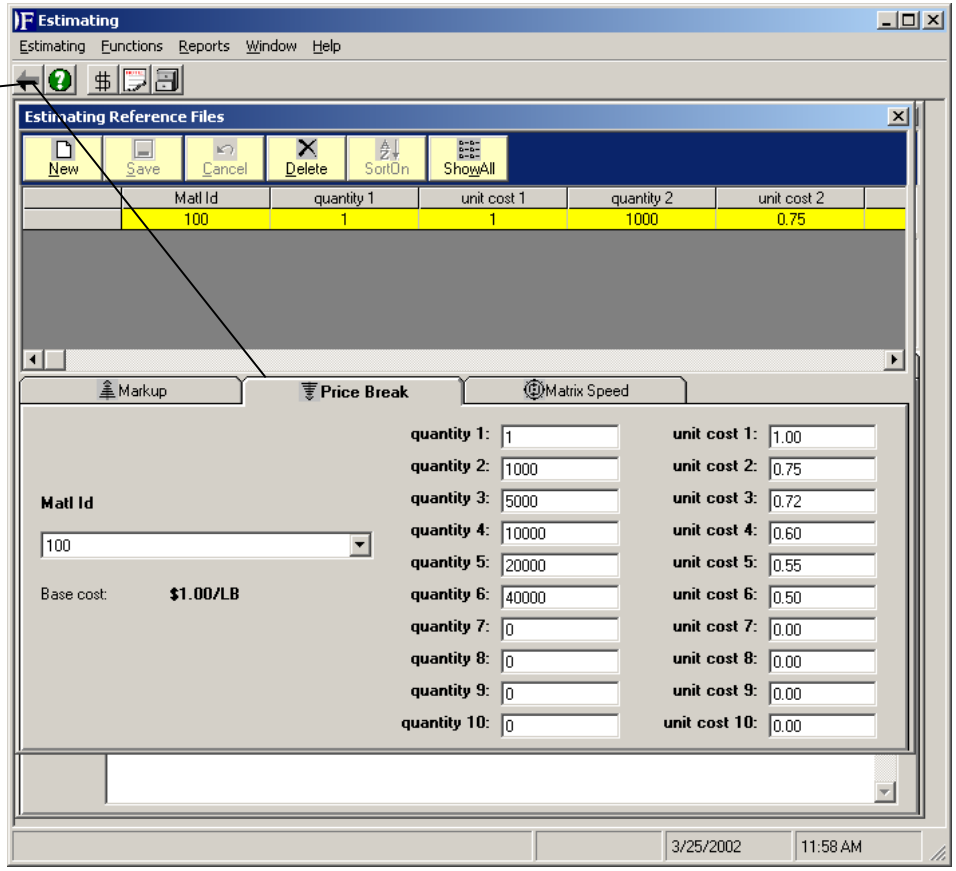
Use Primary to define each cost element markup percentage.

Add to your Primary Markup with Compound Markups.



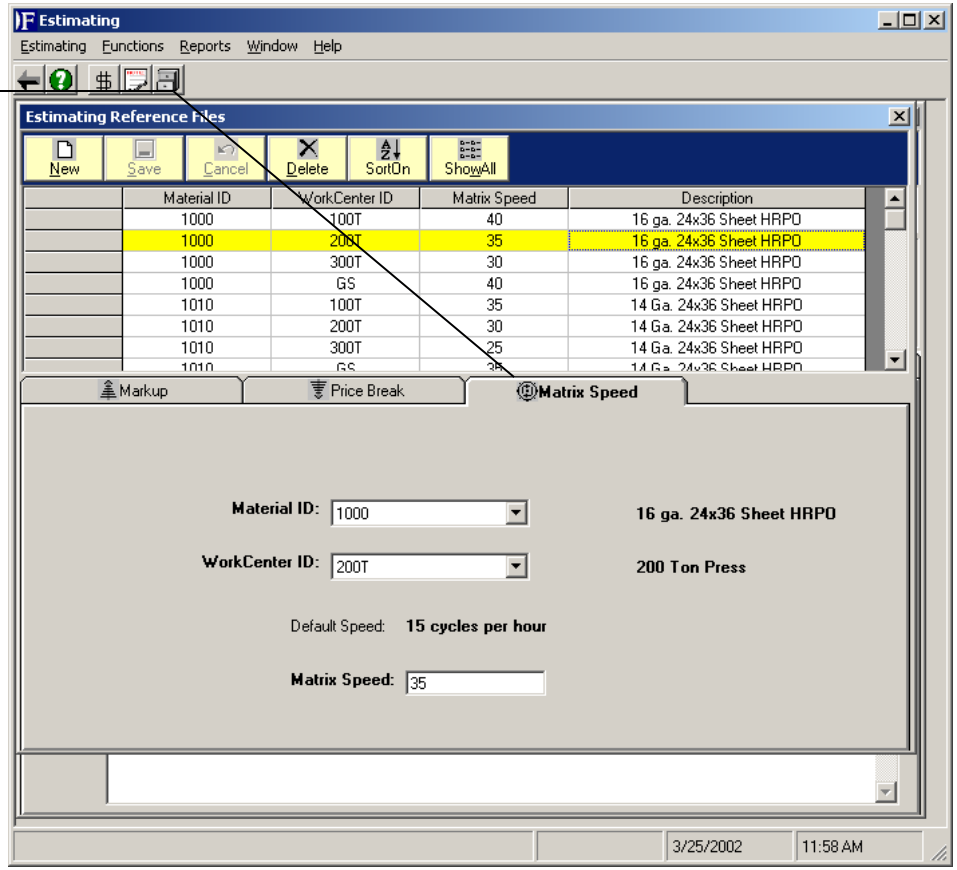
Estimating Price Break

Define Price Breaks by material.



Estimating Matrix Speeds

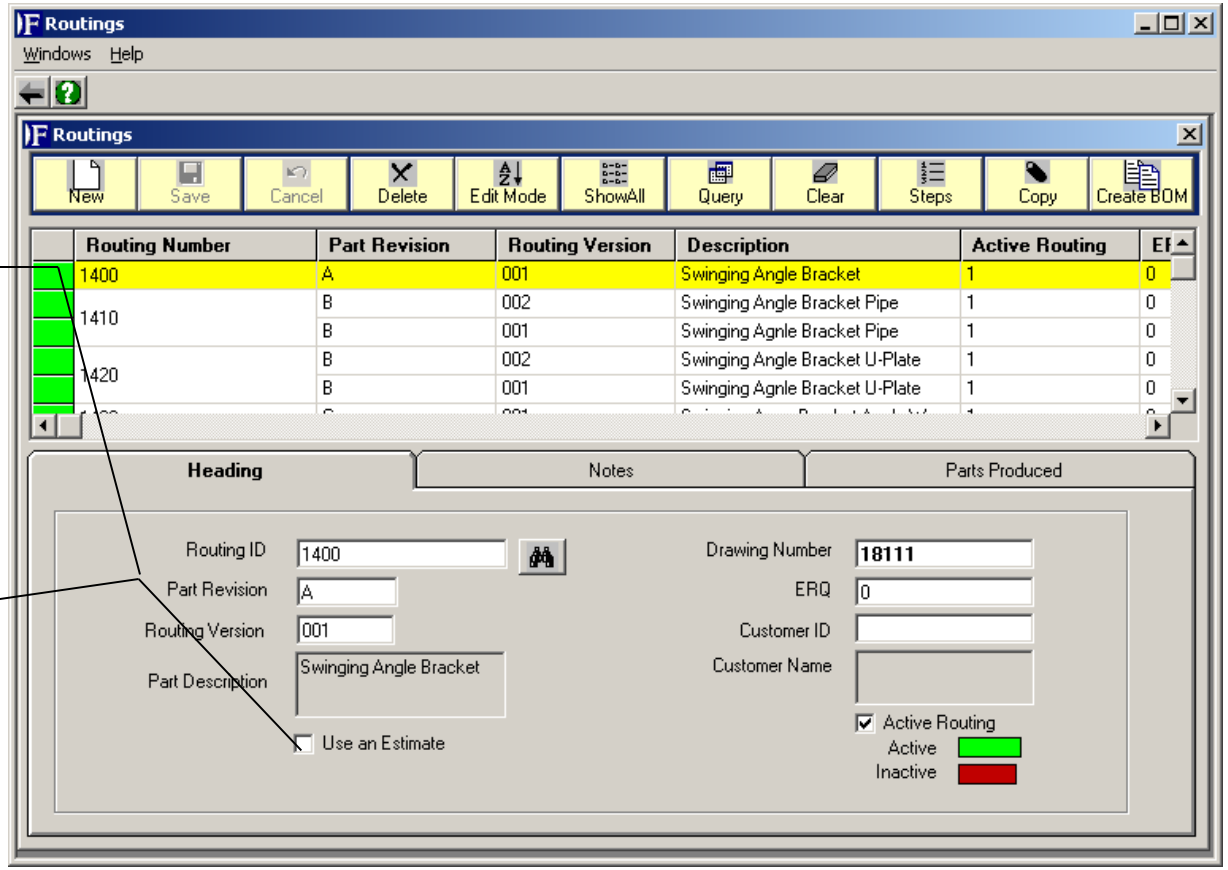
Define your default Matrix speeds by Material and WorkCenter.



Routing Header

Routing versions and revisions combine to allow for you to define multiple methods of producing a part.

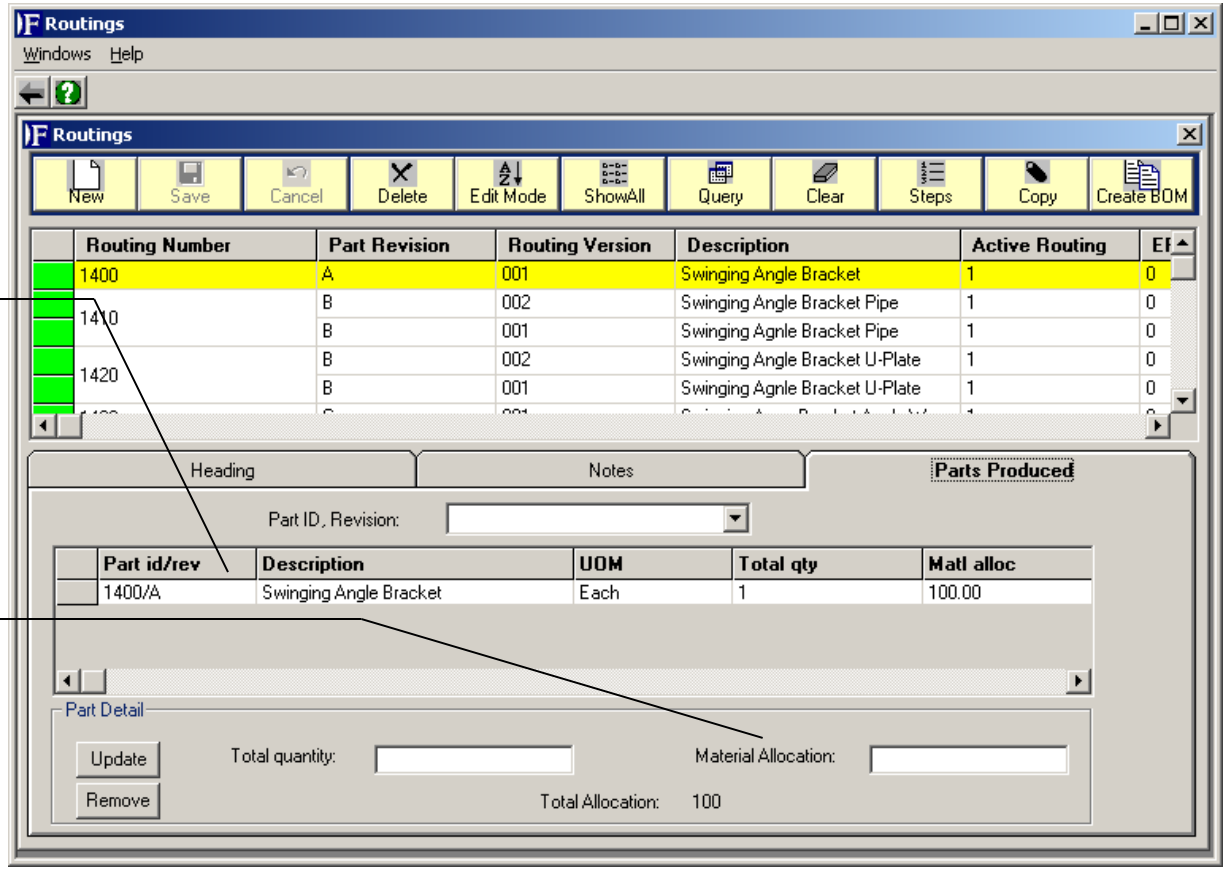
Flag this field to pull an estimate for a new routing.



Routing Multiple Parts Produced

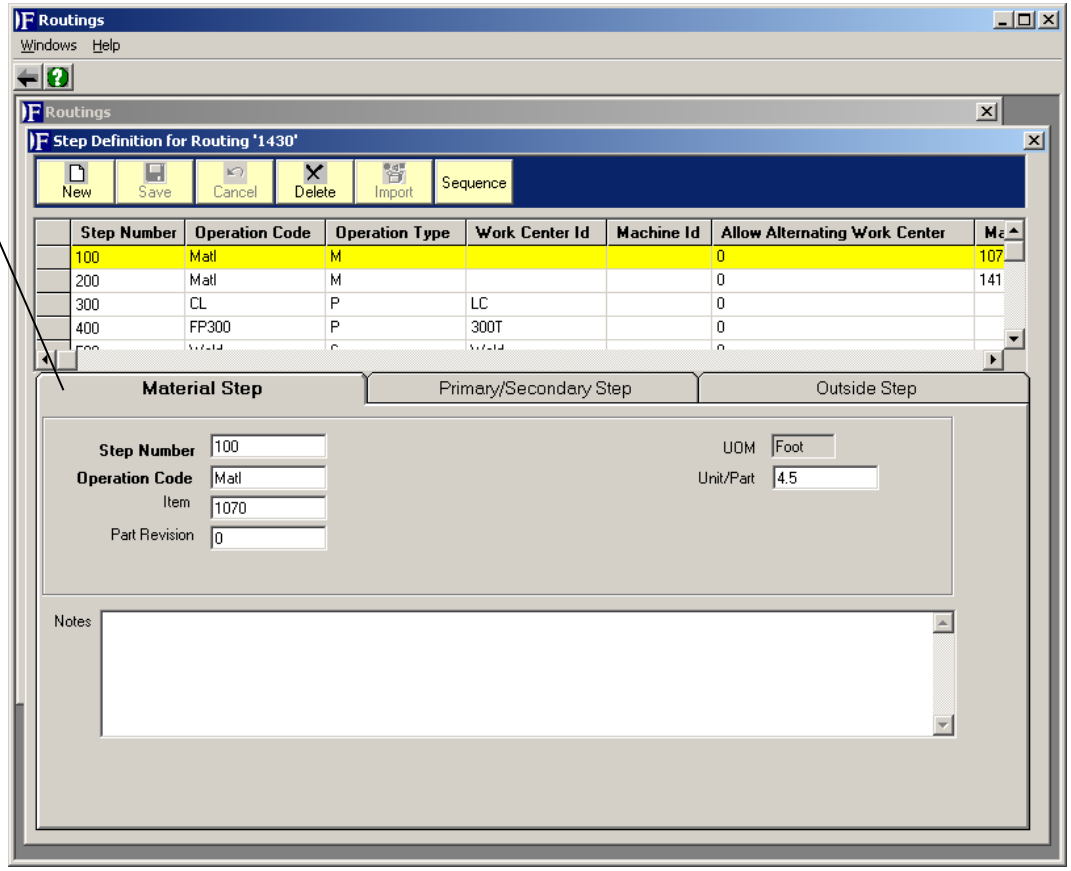
You can create more than one part per Routing and in varying quantities.

Material Allocation lets me define cost allocation to each finished par.



Routings Material Steps

FutureShop incorporates the material step into the routing. This allows us to properly schedule from Production Plan.

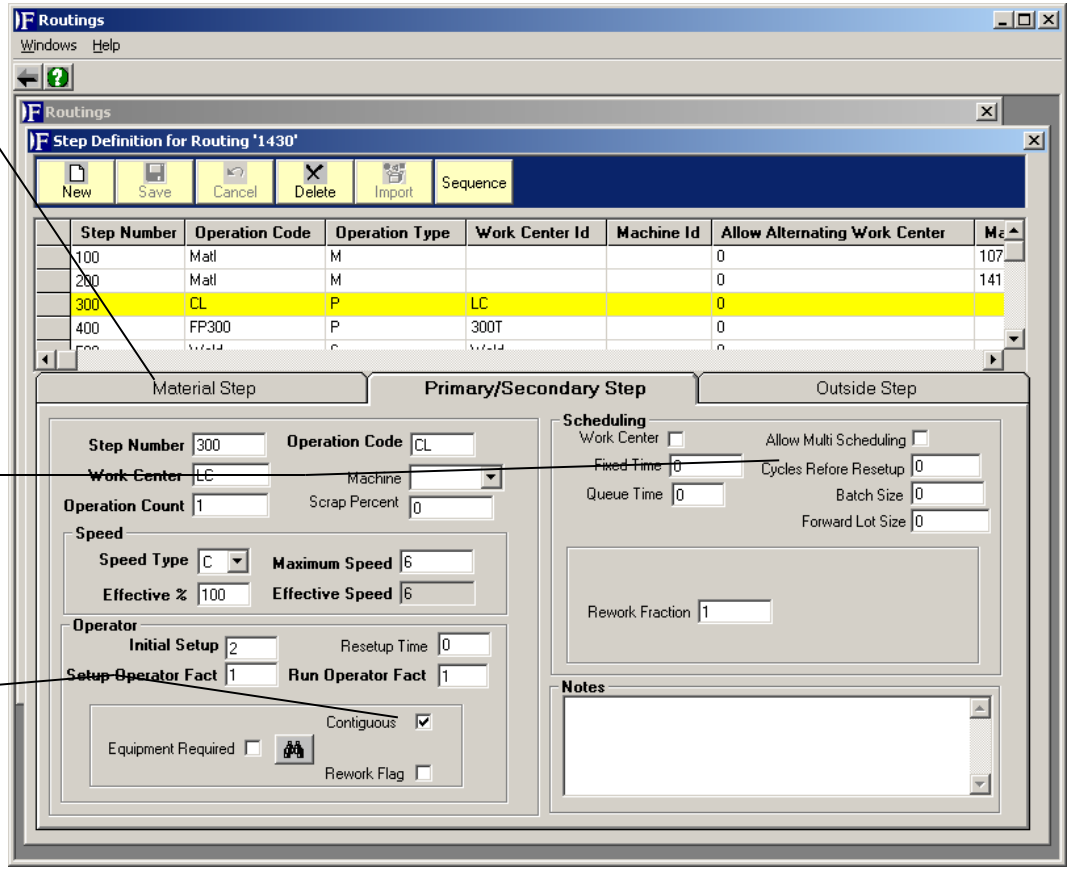


Routings Primary/Secondary Steps

Routings have essentially the same information as the Estimating except without the costing information.

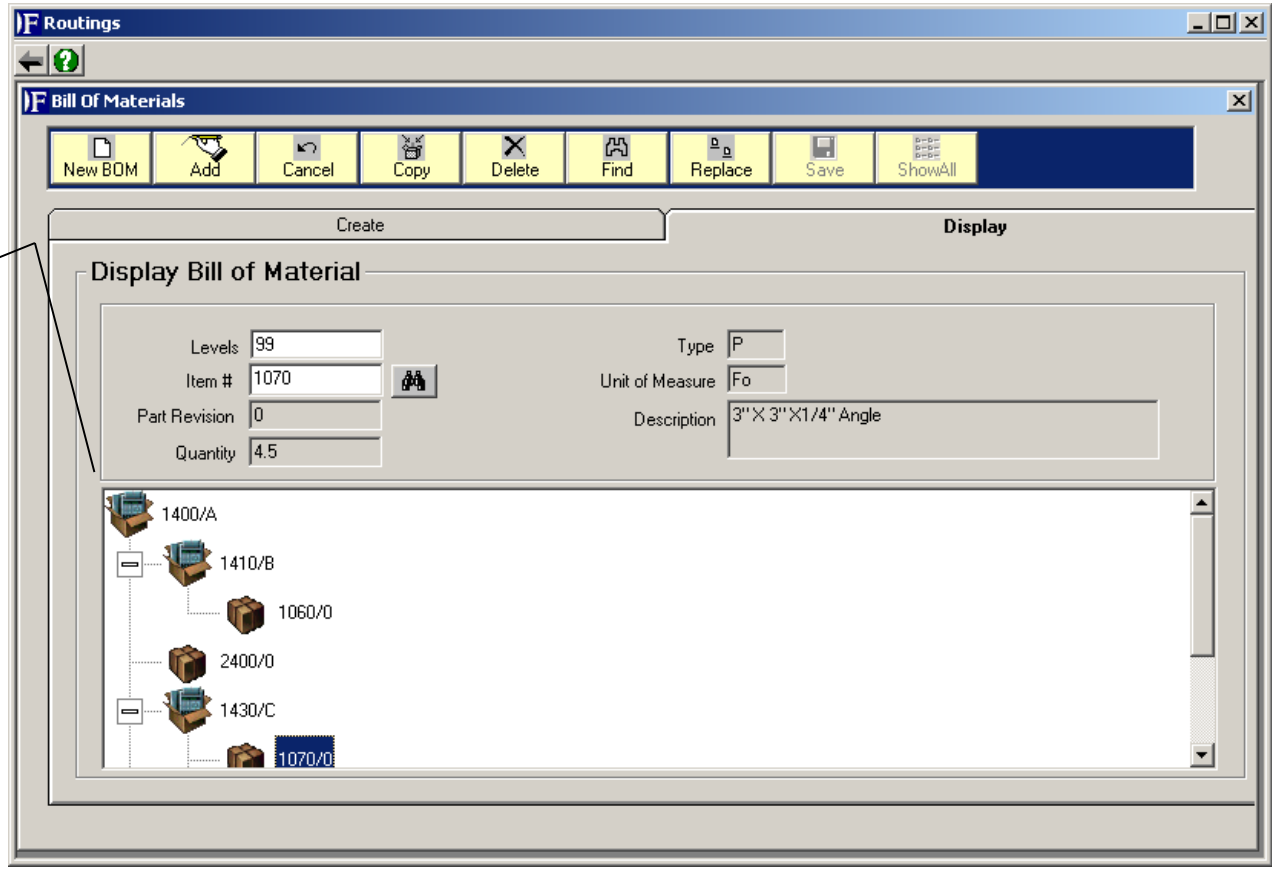
Ability to allow "Multi-Scheduling" or overlapping of steps.

Define part specific, operating parameters.



Visual BOM

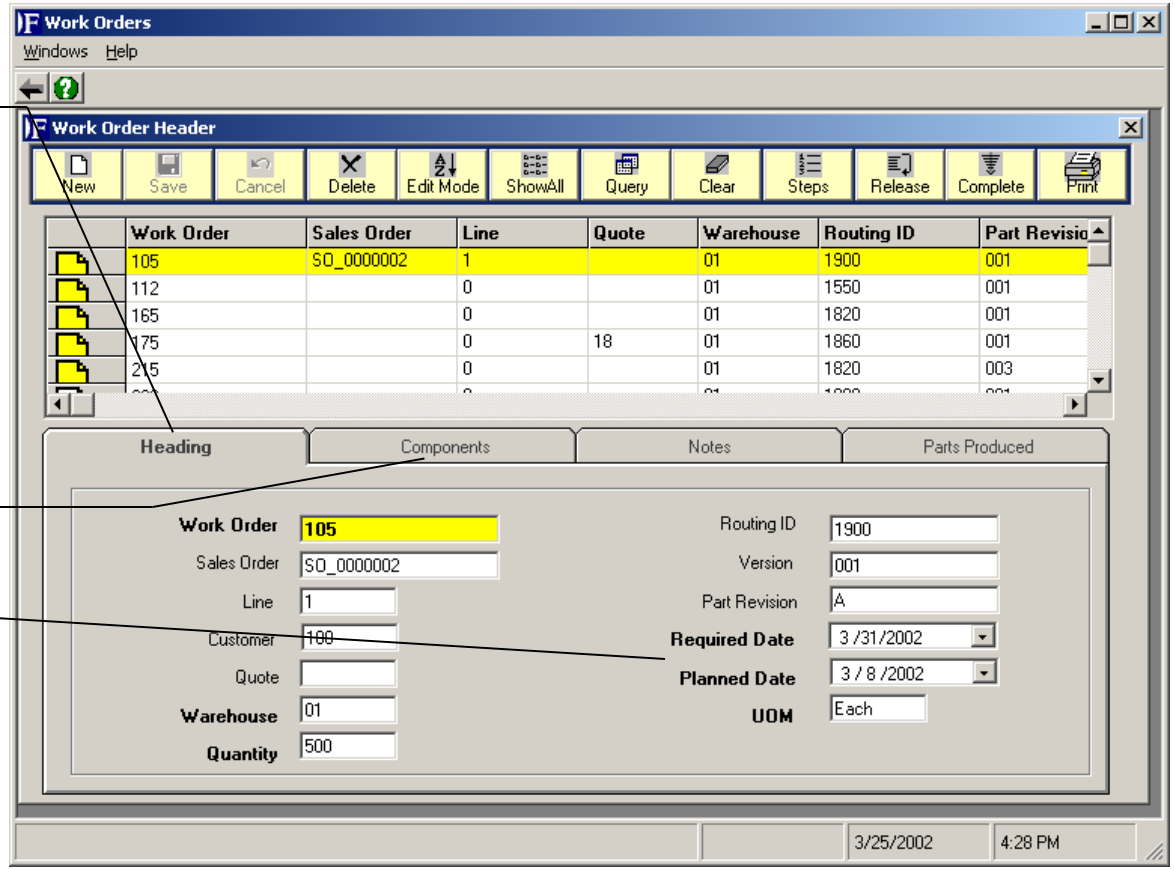
View your materials visually.



Work Order

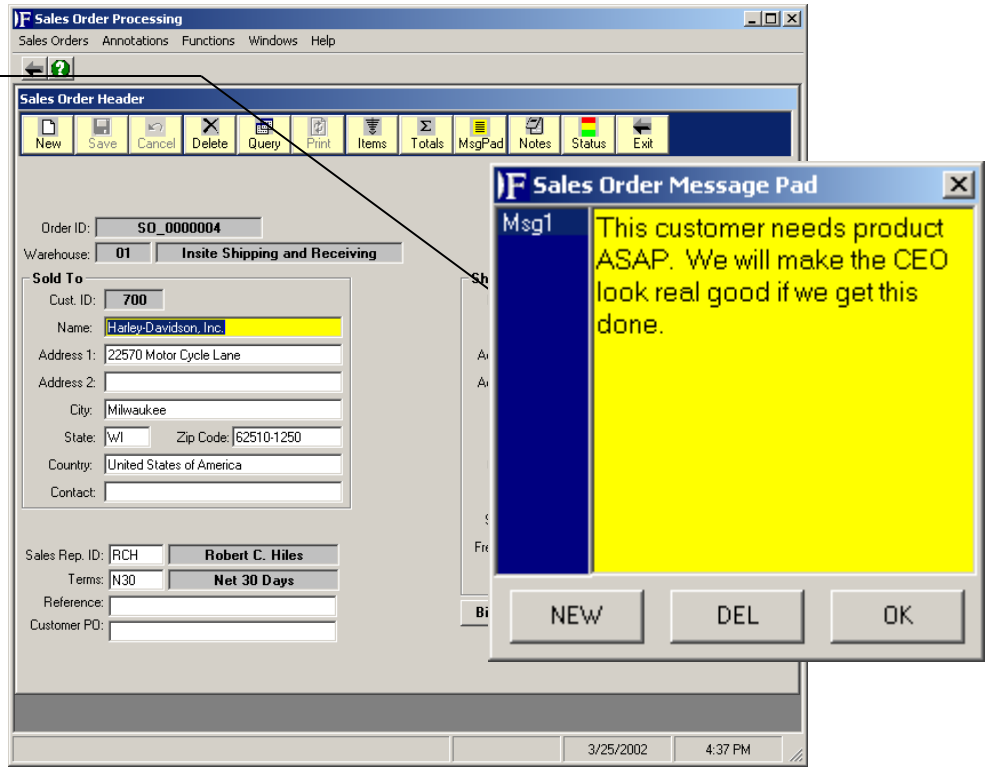
Work Order interface is much the same as Estimating an Routing.

…except that we now associate Sales Orders, Quotes, Components and time via Required and Planning Dates.



Sales Order

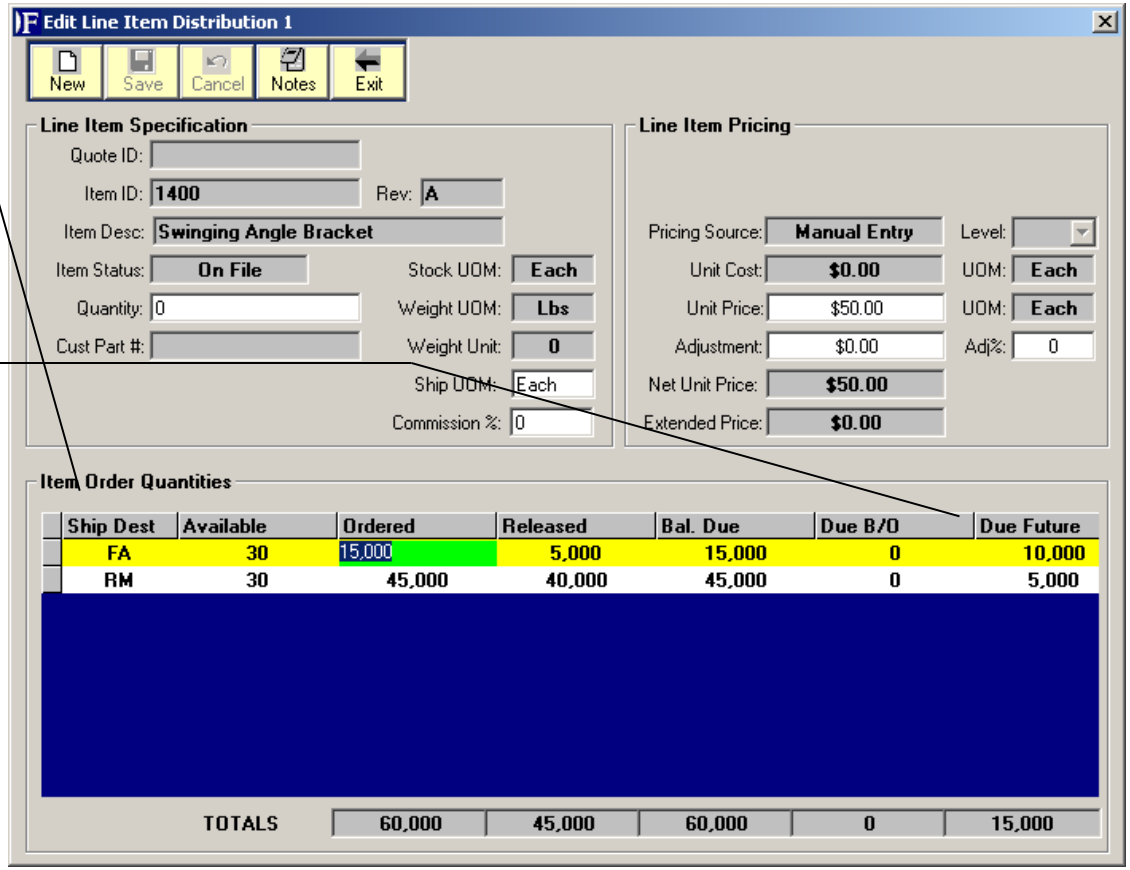
Keep notations specific to Customer and Order to let others know of client status.



Sales Order

Each line item can be delivered to multiple destinations.

Each destination can have multiple due future quantities and ship dates.



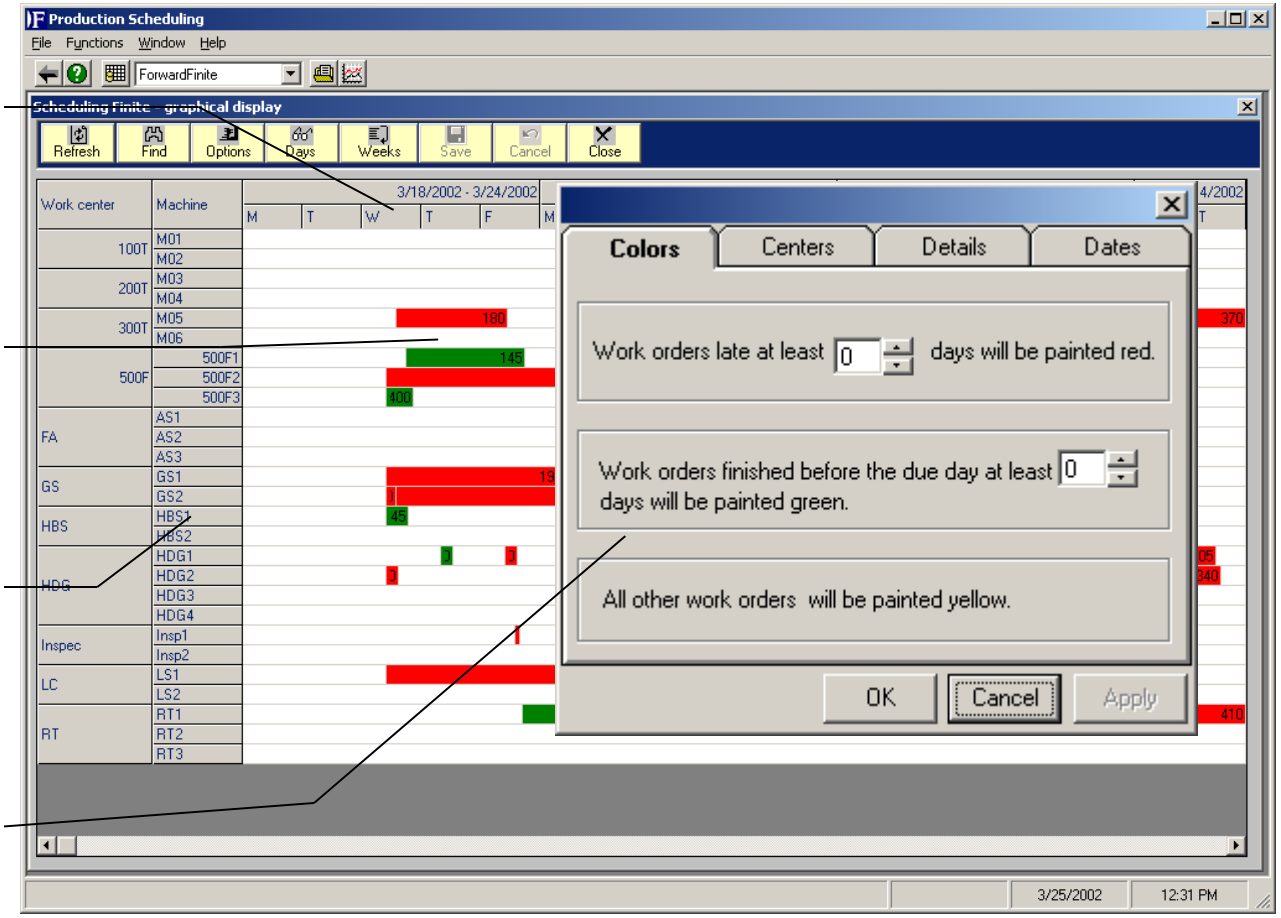
Scheduling Overview

Use drag and drop to change schedule in what-if scenario.

Definable color-coding tells you exactly where to focus.

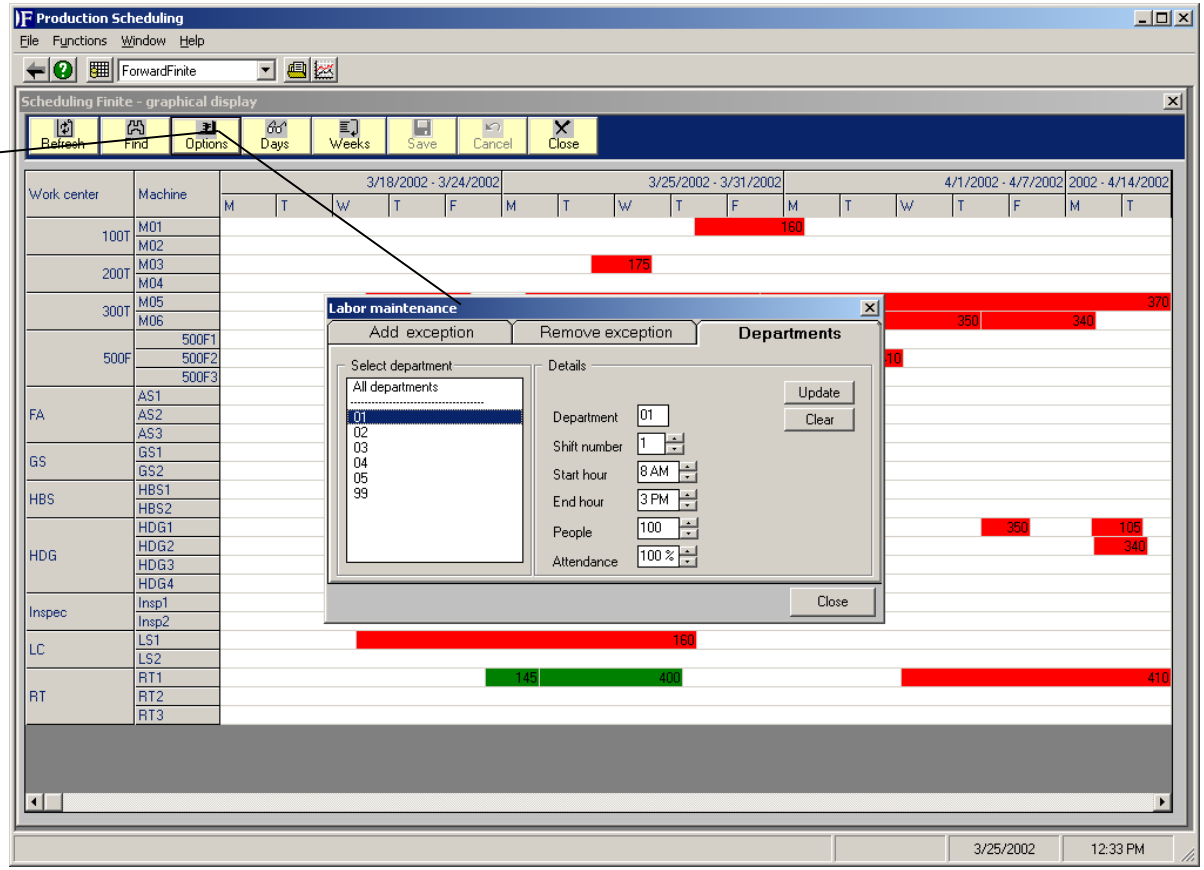
Define what Work Centers and Machines you want to see.

Parameters set the style of your schedule.



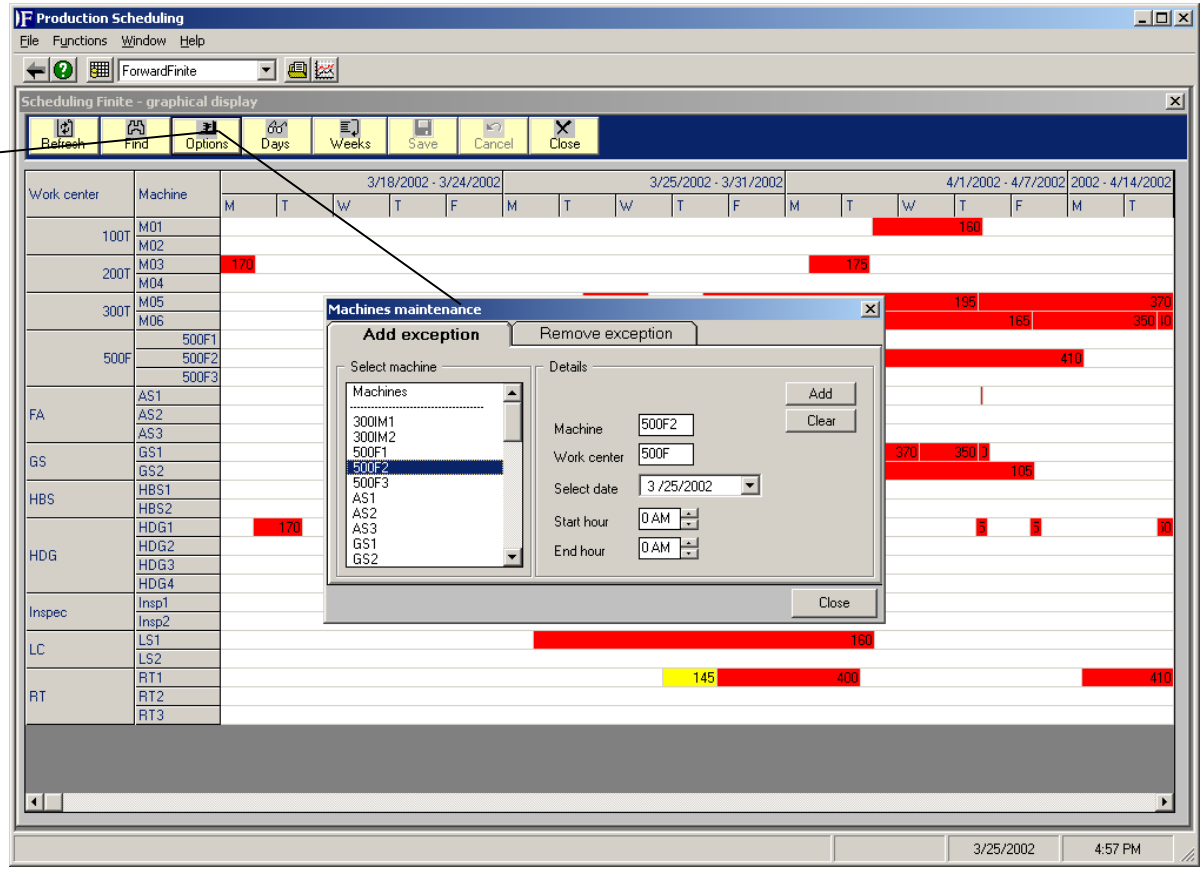
Scheduling What-If

Define Labor constraint exceptions.



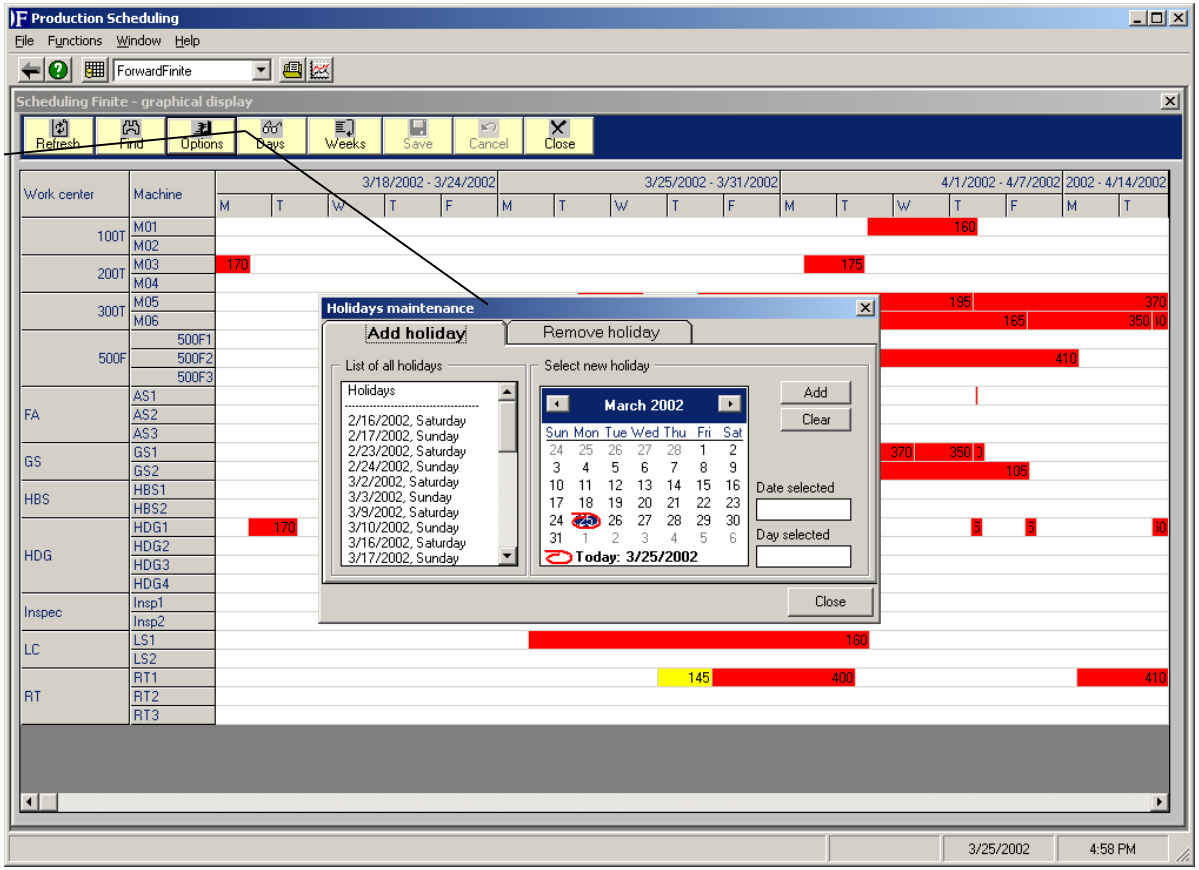
Scheduling What-If

Define Machine constraint exceptions.



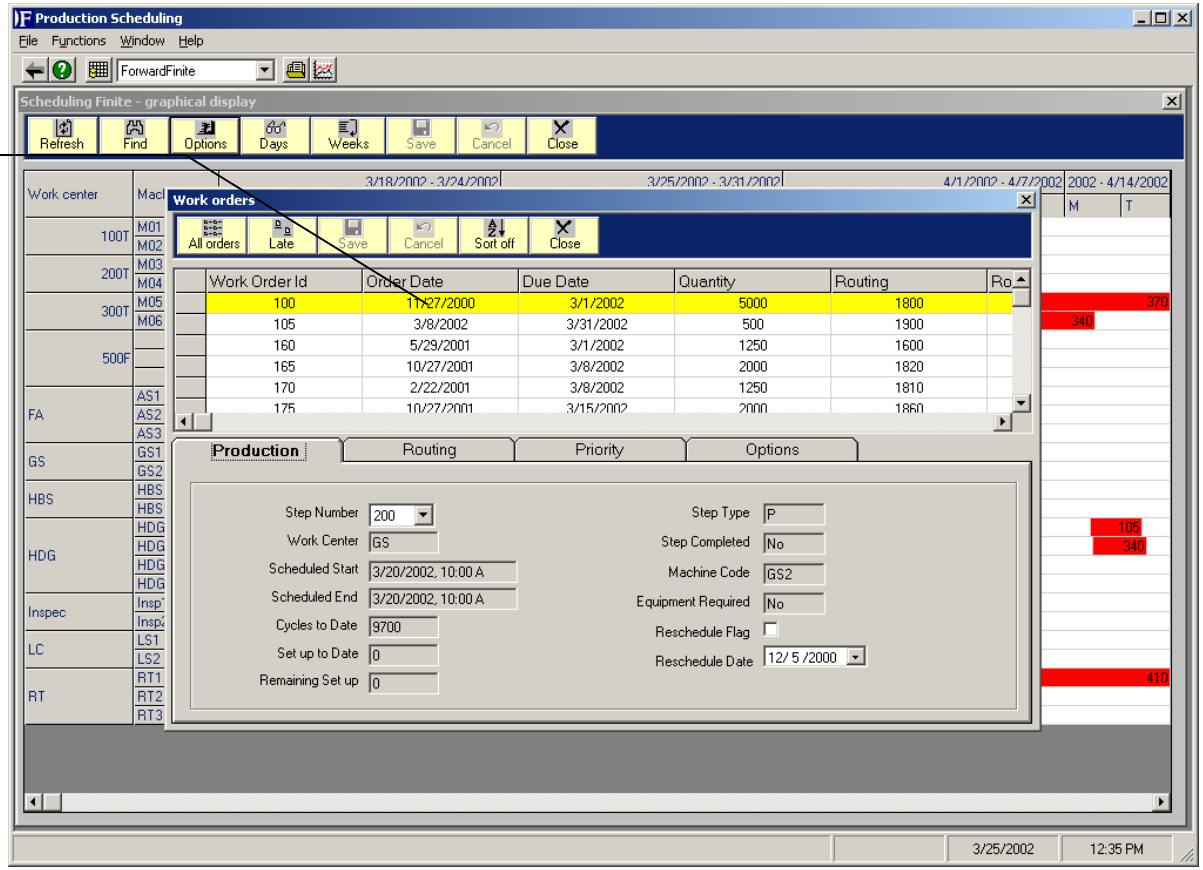
Scheduling What-If

Define Holiday constraint exceptions.



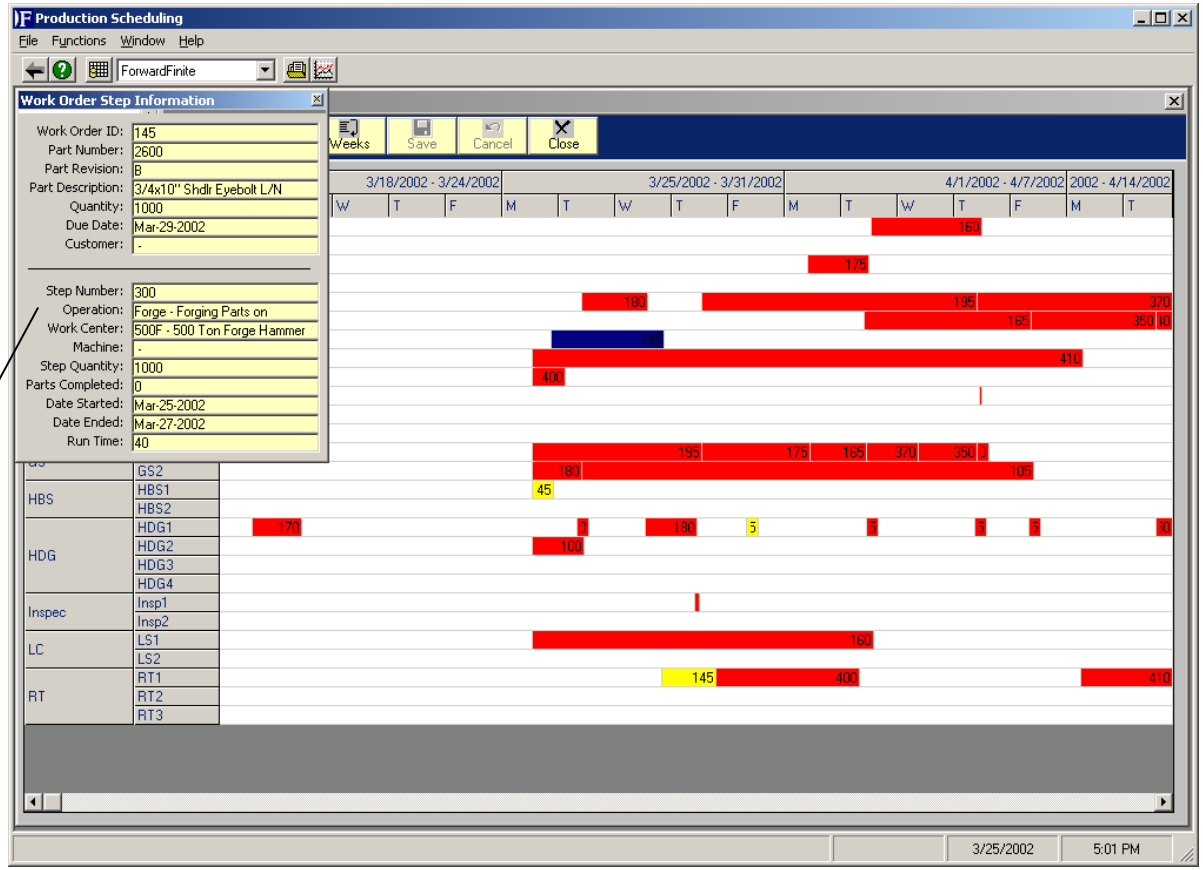
Scheduling What-If

View all or late Work Order details in grid fashion or....



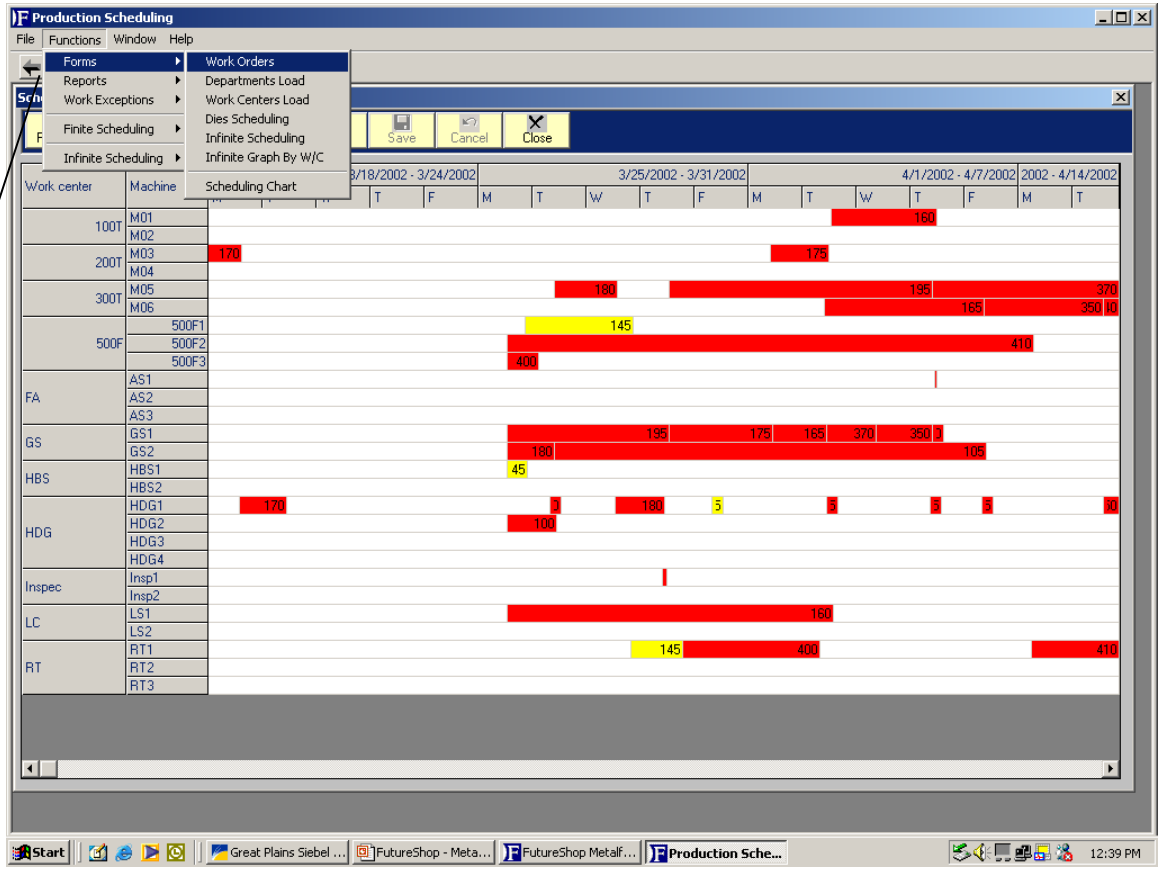
Scheduling What-If

….right click on a graphical order to get individual details.



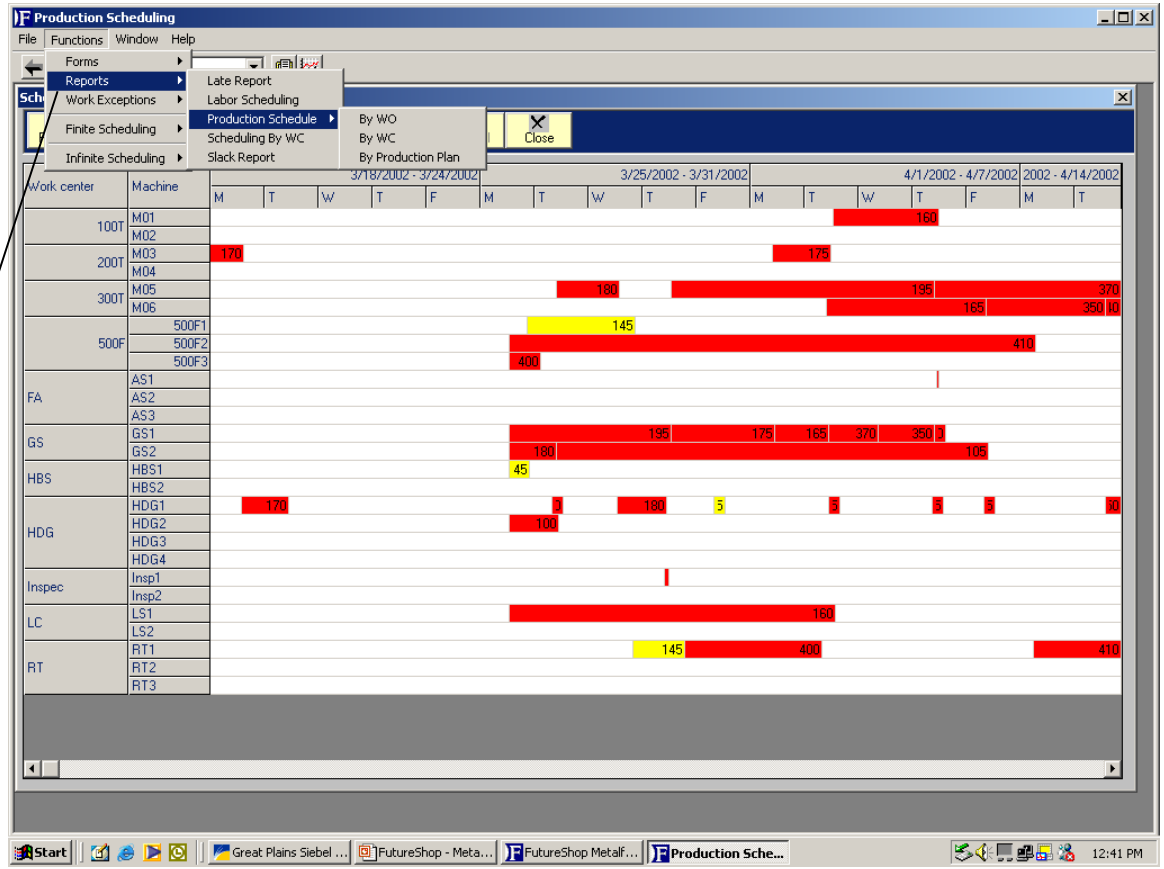
Scheduling Analysis

Multiple views of data by different functional parameters.



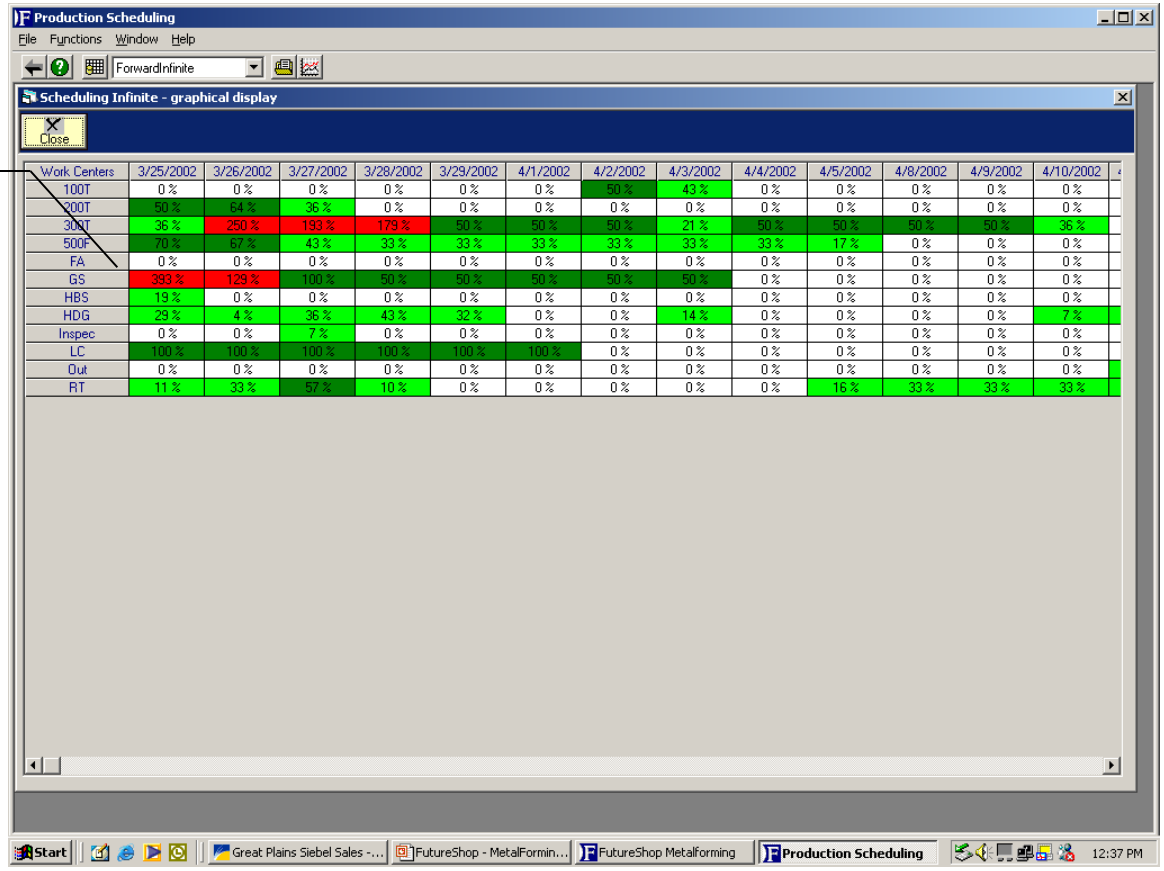
Scheduling Analysis

Multiple reports of scheduling data.



Scheduling Analysis

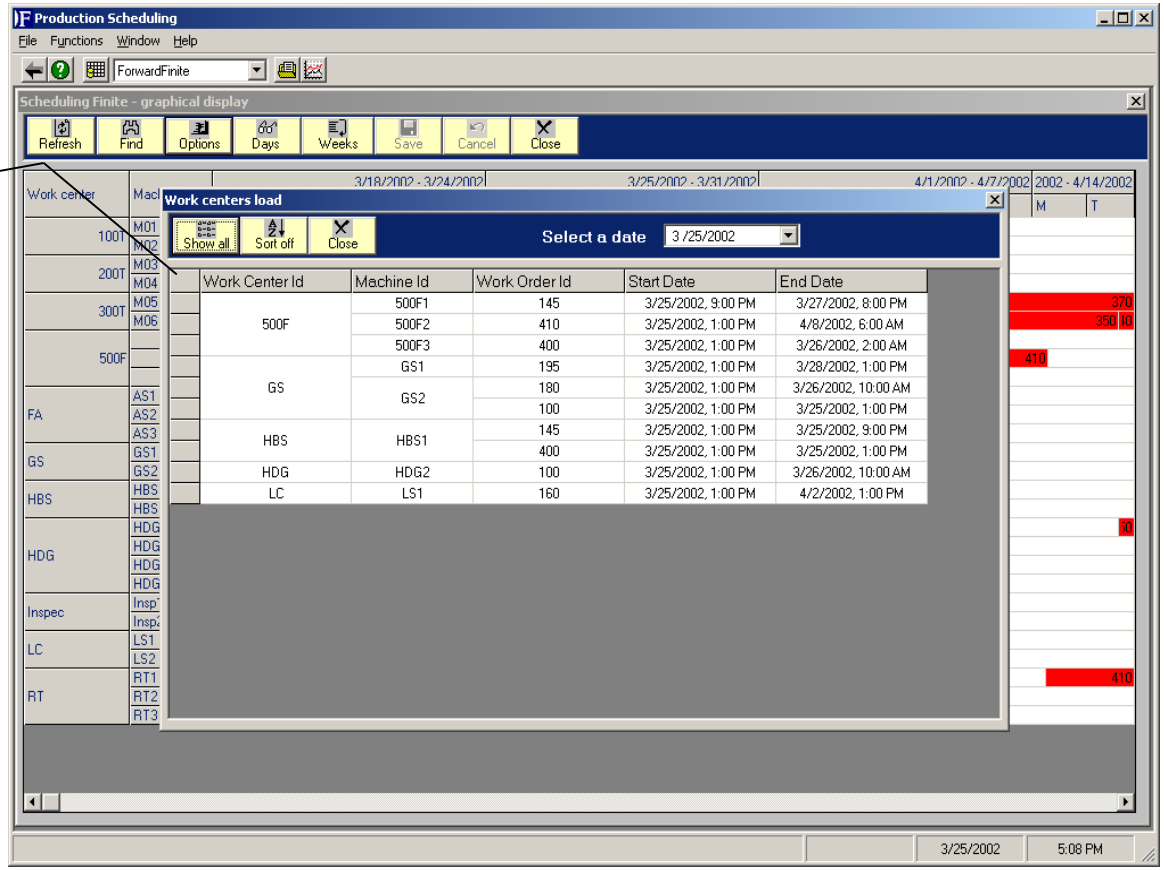
View data in a grid mode.



Work Centers	3/25/2002	3/26/2002	3/27/2002	3/28/2002	3/29/2002	4/1/2002	4/2/2002	4/3/2002	4/4/2002	4/5/2002	4/8/2002	4/9/2002	4/10/2002
100T	0 %	0 %	0 %	0 %	0 %	0 %	50 %	43 %	0 %	0 %	0 %	0 %	0 %
200T	50 %	64 %	36 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
300T	36 %	250 %	193 %	179 %	50 %	50 %	50 %	21 %	50 %	50 %	50 %	50 %	36 %
500F	70 %	67 %	43 %	33 %	33 %	33 %	33 %	33 %	33 %	17 %	0 %	0 %	0 %
FA	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
GS	393 %	129 %	100 %	50 %	50 %	50 %	50 %	50 %	0 %	0 %	0 %	0 %	0 %
HBS	19 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
HDG	29 %	4 %	36 %	43 %	32 %	0 %	0 %	14 %	0 %	0 %	0 %	0 %	7 %
Inspec	0 %	0 %	7 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
LC	100 %	100 %	100 %	100 %	100 %	100 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Out	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
RT	11 %	33 %	57 %	10 %	0 %	0 %	0 %	0 %	0 %	16 %	33 %	33 %	33 %

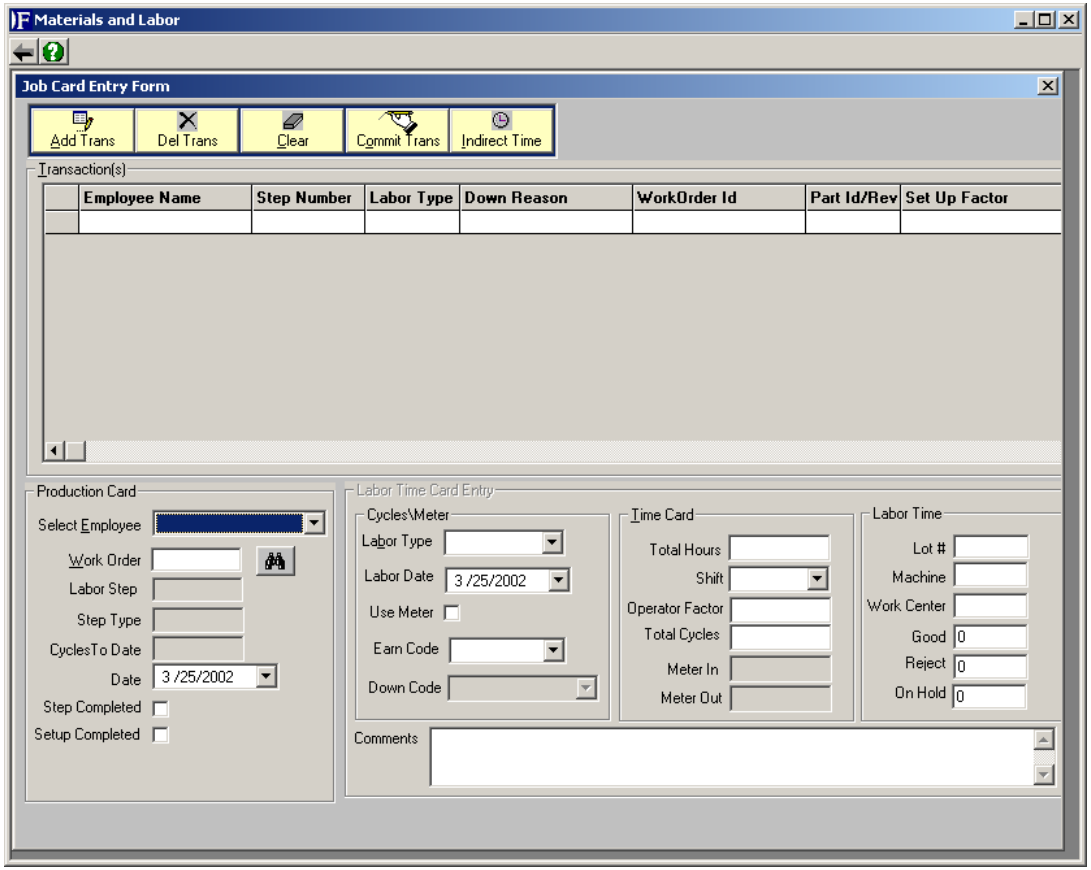
Scheduling Analysis

See the load on your Work Centers.



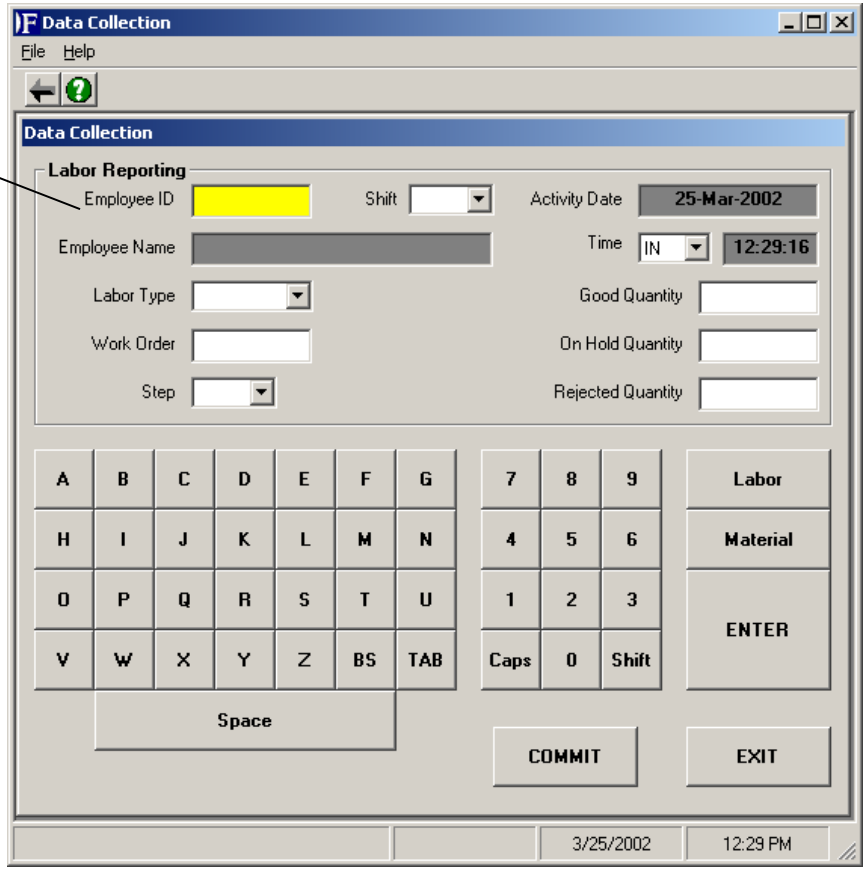
Labor and Time Tracking

Manually enter labor and time by employee.



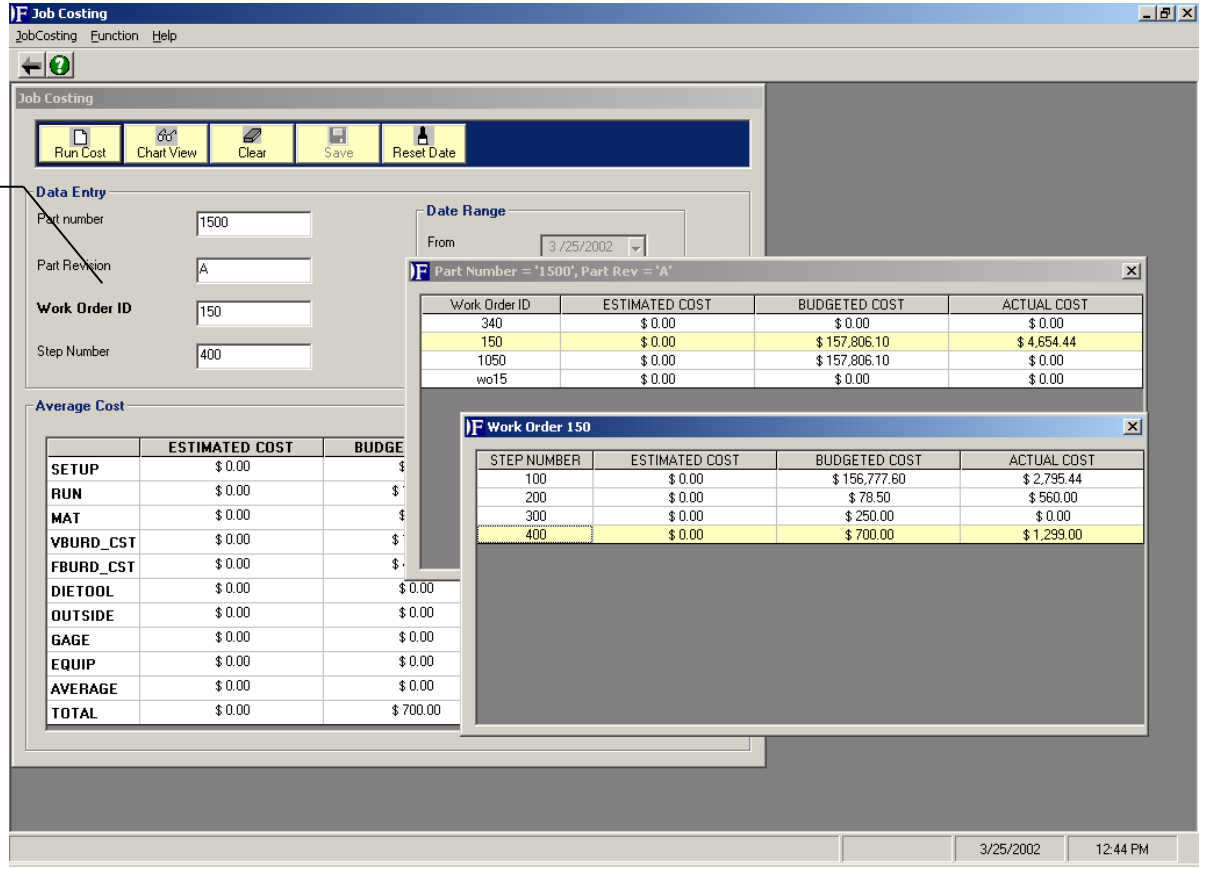
Data Collection

Use touch-screen monitors, wands, or other bar code readers to handle Labor and Material data collection on the shop floor.



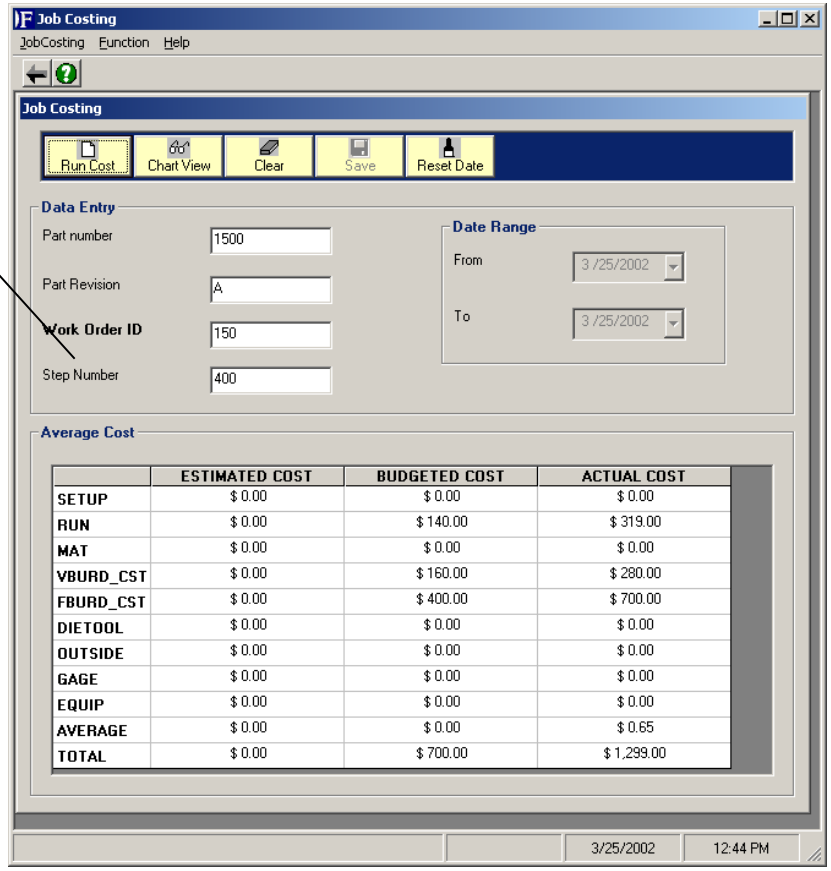
Job Costing

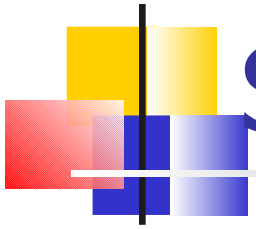
Detailed Job Costing allows you to drill down to the Work Order Step level to find costing problems.



Job Costing

Compare your estimates to your budgets and to your actual costs.

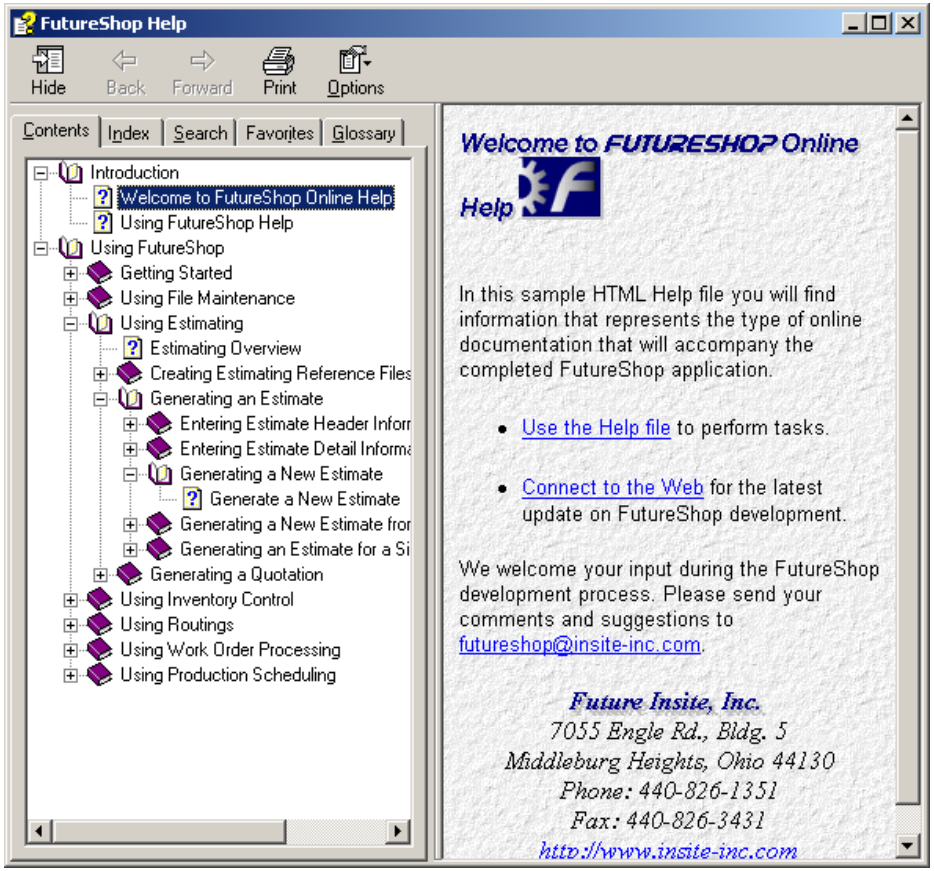




System - Help

- Standard Microsoft Windows Help
- Help contains full system Documentation
- Hyperlinks
- Field Level Help

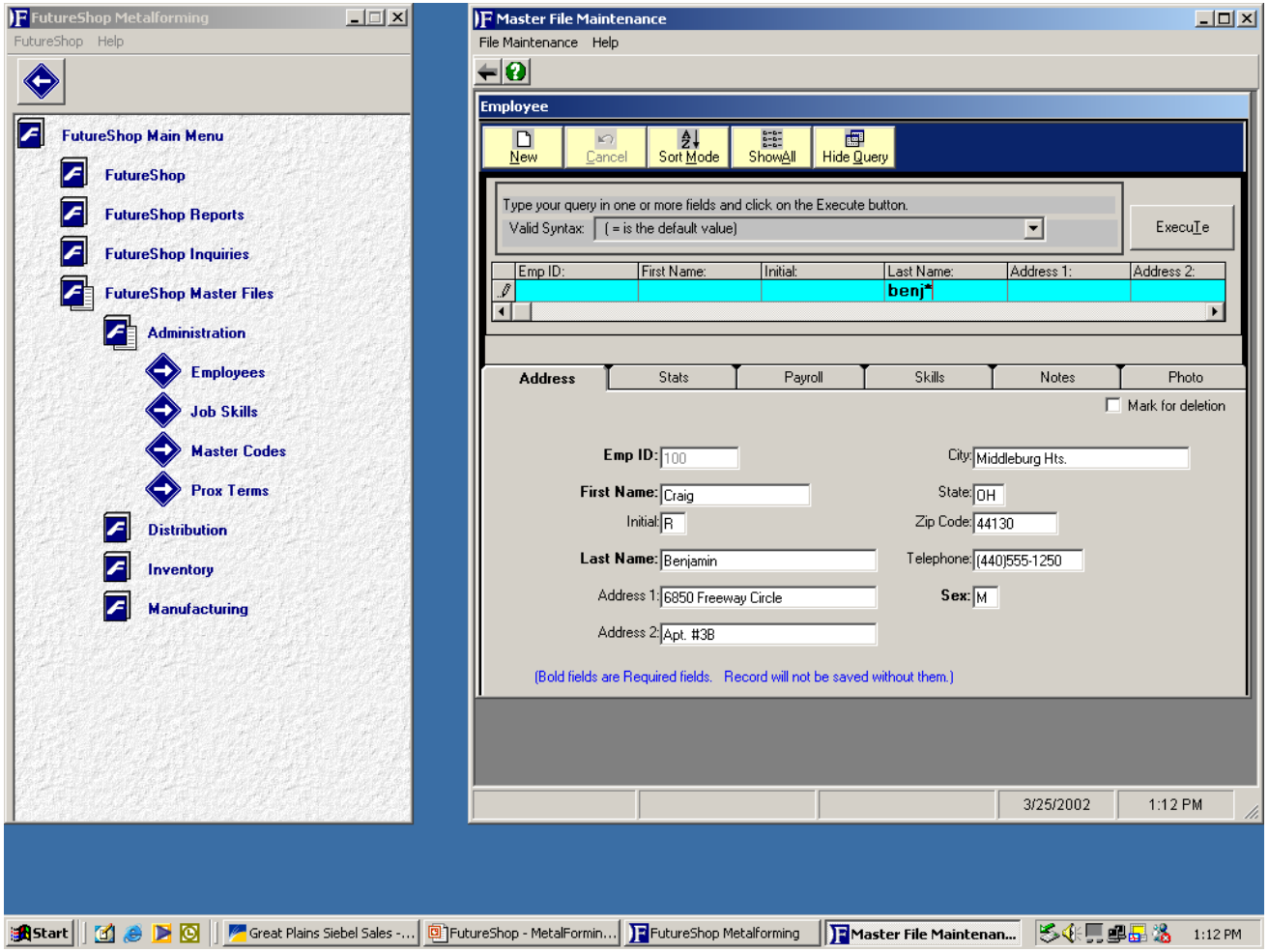
System - Help


FutureShop Help
Hide
Back
Forward
Print
Options
Contents
Index
Search
Favorites
Glossary
Introduction
Welcome to FutureShop Online Help
Using FutureShop Help
Using FutureShop
Getting Started
Using File Maintenance
Using Estimating
Estimating Overview
Creating Estimating Reference Files
Generating an Estimate
Entering Estimate Header Infor
Entering Estimate Detail Informa
Generating a New Estimate
Generate a New Estimate
Generating a New Estimate fro
Generating an Estimate for a Si
Generating a Quotation
Using Inventory Control
Using Routings
Using Work Order Processing
Using Production Scheduling
Welcome to FUTURESHOP Online Help
In this sample HTML Help file you will find information that represents the type of online documentation that will accompany the completed FutureShop application.
Use the Help file to perform tasks.
Connect to the Web for the latest update on FutureShop development.
We welcome your input during the FutureShop development process. Please send your comments and suggestions to futureshop@insite-inc.com.
Future Insite, Inc.
7055 Engle Rd., Bldg. 5
Middleburg Heights, Ohio 44130
Phone: 440-826-1351
Fax: 440-826-3431
http://www.insite-inc.com

System - Navigation

- Configurable Explorer Menu
- “Flex-Grid” and “Forms” = consistent navigation
- “Flex-Grid” = powerful query features
- “Flex-Grid” used for report filtering
- All field Labels re-definable

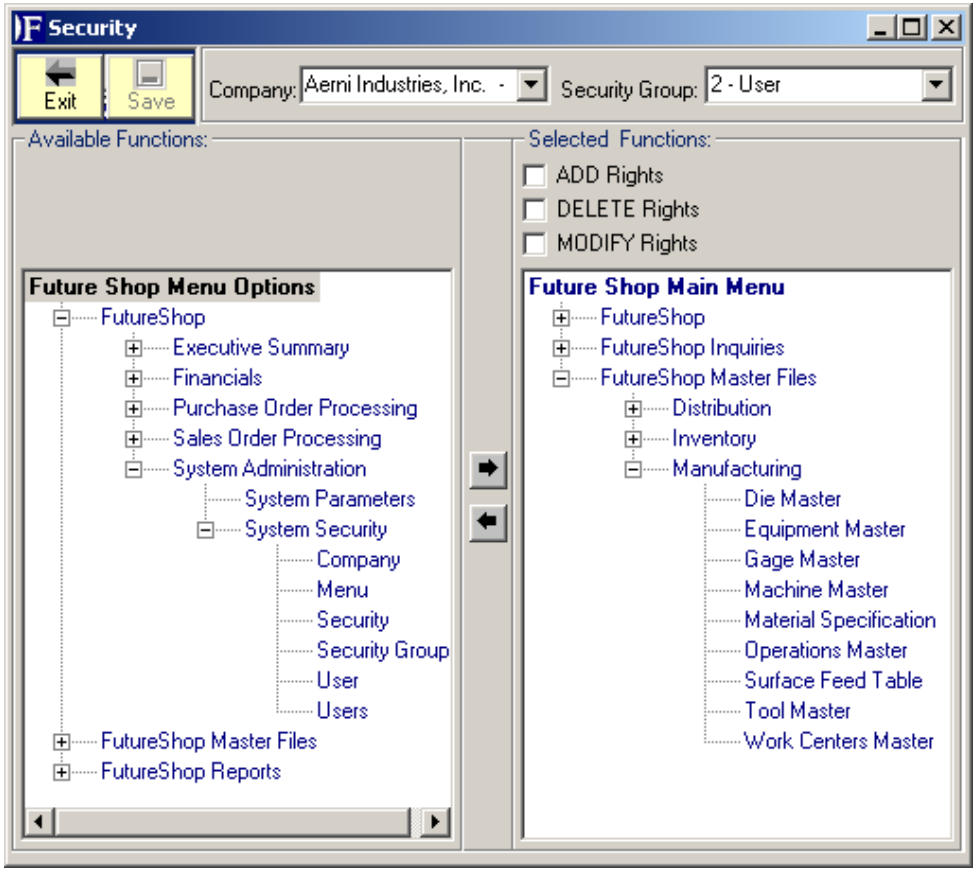
System - Navigation



System - Security

- Group or User level security
- Menu Names Definable by user
- Menu Tree Definable by user
- System ID and Login defines access
- System Parameters standardize data entry

System - Security



Extended Industry Specific Functionality

- Specific Industry Vertical features including Shaping, Tool Crib, ISO and QS 9000 tools, and more!
- EDI
- Data Collection Tools – Wand, Bar Code, Touch Screen, RF
- MS Office integration
- Crystal Reporting
- Configurable Alerts and Triggers
- Employee, Vendor, Customer Web Interfacing tools
- N-Tier Design allowing for Database and System Interoperability and Scalability