



OpenPro ERP Software

OpenPro Application Demonstration Guide Manufacturing Basics

10061 Talbert Ave Suite 228

Fountain Valley, CA 92708

Telephone 714-378-4600

Fax 714-964-1491

www.openpro.com

infoop@openpro.com

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Introduction

Thank you for your interest in OpenPro. This Demonstration Guide is designed to orient you to the OpenPro product. The guide contains getting started information as well as a more detailed overview of the basic business flow. We hope you'll find the scenarios in the overview to be useful. We've loaded the same set of data used to populate the overview screen shots into the database you'll be accessing during your evaluation period.

If after your evaluation you would like to learn more about how we might assist your enterprise, don't hesitate to contact us at salesop@openpro.com or call 714-378-4600. And again, thank you for your interest.

On-line training processes

On the www.openpro.com website you can find our on-line training, that walks you thru the processes in this manual.

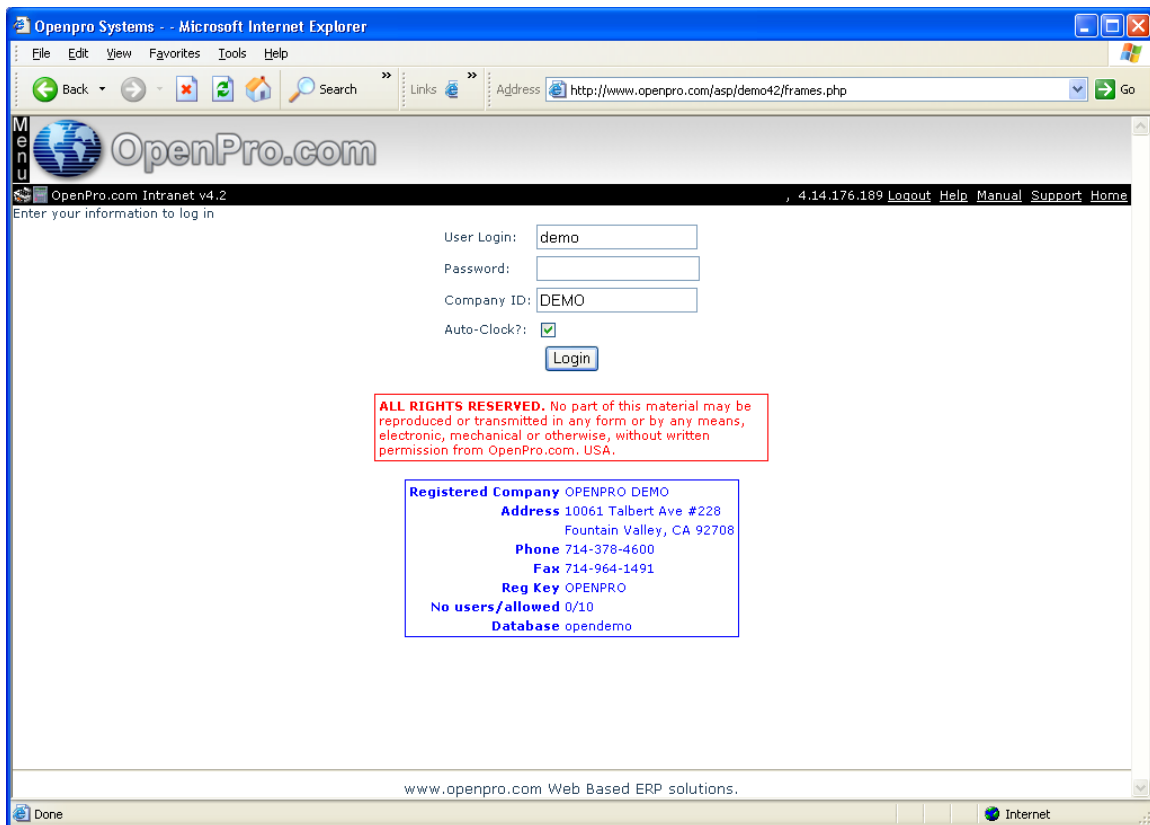
Or go to www.openpro.com/ol_training.html

This has general information on the OpenPro ERP packages. But also has video training sessions by application.

Log In to OpenPro ERP software

**Figure 1.1: Login Screen for OpenPro Client for Windows
Note**

This is a fully functional OpenPro Client. It is hard-coded to access a demonstration database on our company server. Due to heavy usage we must limit the number of concurrent connections to the software. If you don't connect the first time you try, please try again later.



When logging into the OpenPro Standard Solution, you are presented with the following options:

User Login: Enter the Username we assigned you when you requested your evaluation copy.

- This will be the same Username as the Username you use to log into the OpenPro website.

Password: Enter the password we assigned you when you requested your evaluation copy.

- This will be the same Username as the Username you use to log into the OpenPro website The password you type into this field will not display on your screen, but will be represented by asterisks (*) for security purposes.

Company ID: Enter the upper case **DEMO**.

On the top menu bar, to the far right of the screen, the following buttons are available:

LOGOUT: brings you back to this login screen.

HELP: Click to see detail help information about the screen you are working on.

MANUAL: Detailed manuals about each application, including policy and procedures.

SUPPORT: Online support during normal business hours, or can be emailed at supportop@openpro.com .

HOME: Takes you back to the main menu screen.

Once your Username and password have been successfully authenticated, the main application desktop will appear, as shown below.

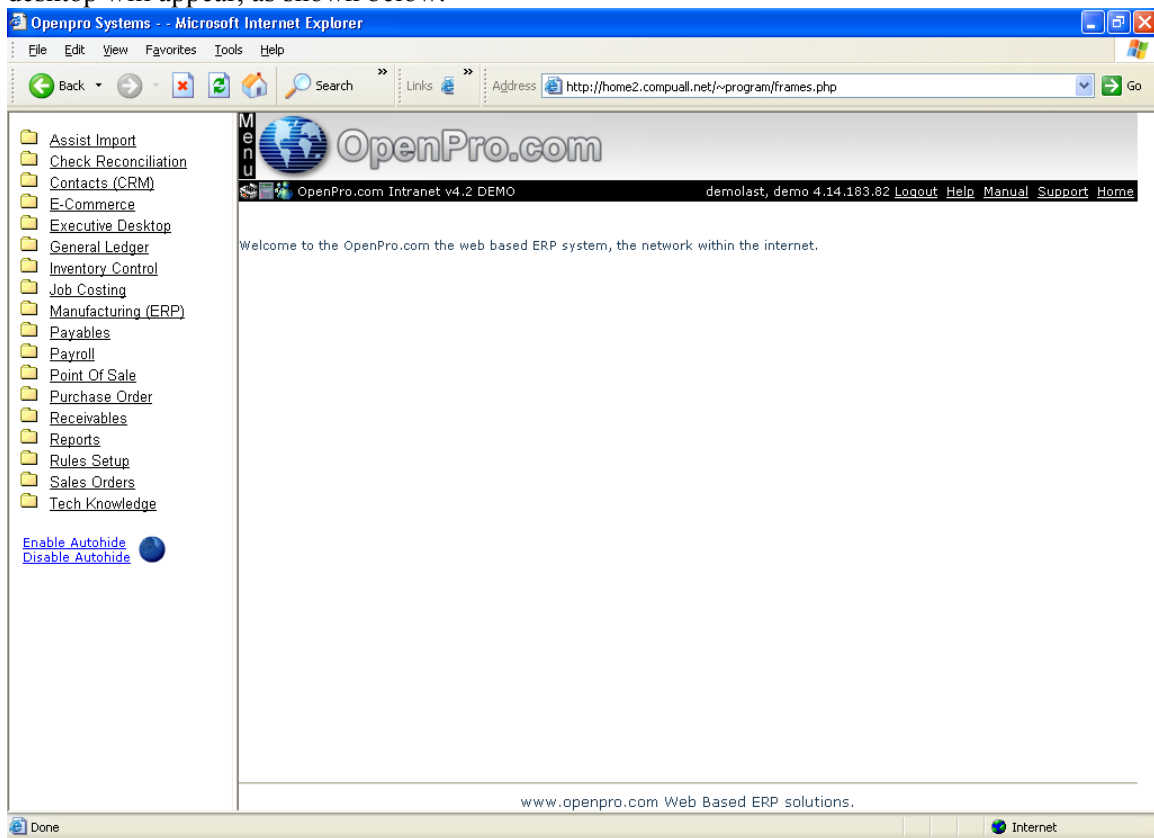
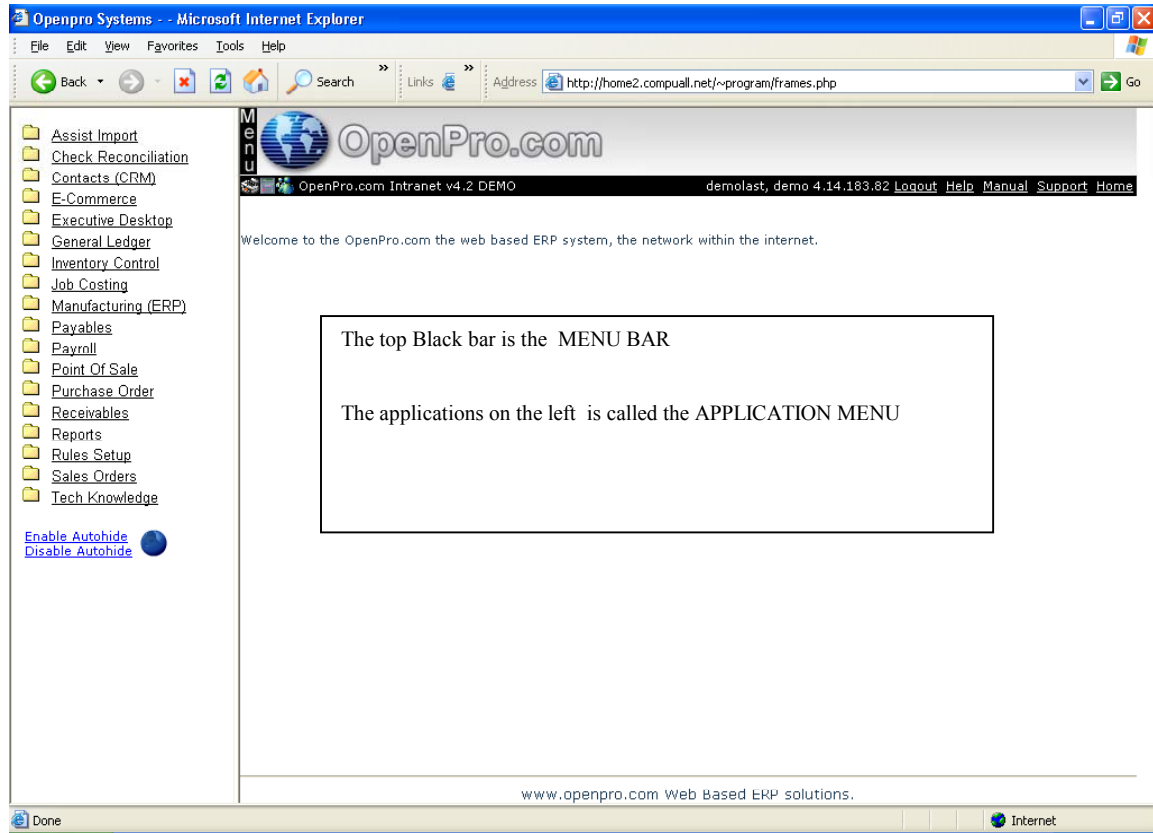


Figure 1.2: Main Application Desktop for the Windows Client

If you do not reach the application desktop, verify that you have entered your Username and password correctly. Also keep in mind that we have limited the number of concurrent sessions. Our server may be busy when you try to log in initially. Try again later and see if this corrects the problem. If you are still experiencing difficulty, visit the Frequently Asked Questions (FAQ) section of our website. Or contact Customer Service at opinfo@openpro.com.



On the top **menu bar**, to the far left of the screen, the following buttons are available:

Printer Icon: Prints information on the right hand screen to your printer. This is used to print reports, screens, as well you can use right client print option.

Calculator: An on-line 10 key calculator.

Messenger Services: This option can be used to send instant messages to anyone who is logged into the system.

The menu bar also shows you what Version of the software you are running, who you are logged in as and your IP address that you logged in from. This information is also stored in the database for historical and security purposes.

To right of the top **menu bar** are the following.

Logout: brings you back to this login screen.

Help: Click to see detail help information about the screen you are working on.

Manual: Detailed manuals about each application, including policy and procedures.

Support: Online support during normal business hours, or can be emailed at supportop@openpro.com .

Home: Takes you back to the main menu screen.

On the **application menu** section at the bottom of the menu:

Enable Autohide. This will make the menu disappear until you move the mouse over to the far left of the screen then you will see the menu appear.

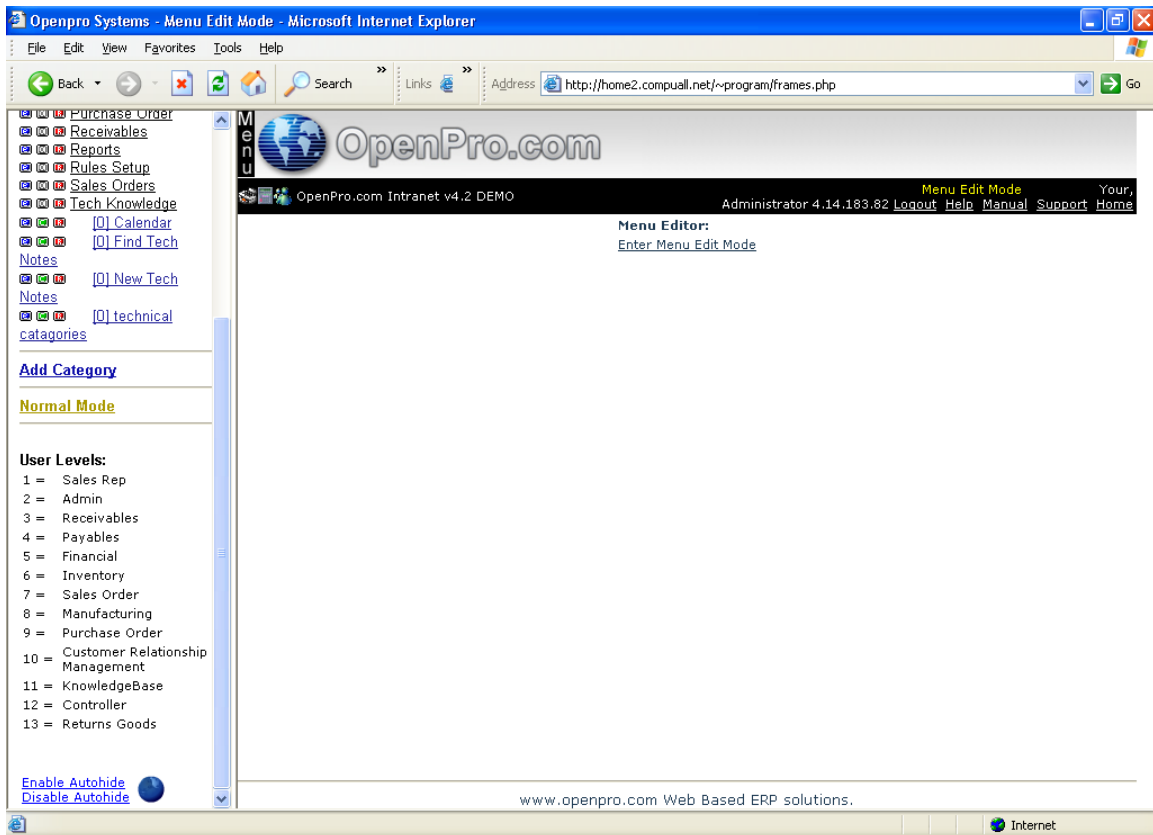
Disable Autohide. This makes the menu fixed, always open and on top of the screen.

The Globe is used for the messenger between machines.

The Application menu is user definable, based upon your login id you can have different items on this menu.

If you login as an administrator this gives you the capability to change the menu, names of the fields etc.

The menu system is fully customizable, with the menu editor, you can add change and delete menu items per login type. So in this example, someone in Accounts Payable only sees AP screen information.



Exit the OpenPro Standard Solution

There are two ways to exit the OpenPro Standard Solution. You can click on the standard “X” icon in the upper righthand corner of the main application window. This will immediately close the application and return you to your computer desktop. Or you can use the System menu’s **LOGOUT** OpenPro option. To exit the application and return to your computer desktop using this method, select the “**LOGOUT** OpenPro” option from the System Module’s drop-down menu, as shown below:

Figure 1.5: Exit OpenPro

After selecting this option, the application will close, returning you to your computer desktop.

Application Fundamentals

The OpenPro Standard Solution contains a number of fundamental features designed to simplify your use of the software. In this section, we describe those fundamentals in an effort to familiarize you with their use. Let's look first at a sample Inventory Item screen, as shown below. We will use this Item Search screen to illustrate several of the application fundamentals to be found throughout the application—across multiple screens and modules.

Go to **Inventory Control\Item Find**


The screenshot displays the OpenPro.com Intranet v4.2 DEMO interface. The browser window title is "Openpro Systems - Item Find - Microsoft Internet Explorer". The address bar shows the URL "http://home2.compuall.net/~program/frames.php". The page content includes a navigation menu on the left with categories like "In Process", "Admin", "Assist Import", "Check Reconciliation", "Contacts (CRM)", "E-Commerce", "Executive Desktop", "General Ledger", "Inventory Control", "IC Reports", and "Maintenance". The main content area is titled "Find Item" and features a search box, a "Search" button, and several filters: "Stock on hand" (checked), "exclude non-inventory items" (checked), "Show Inventory For Location" (set to "--ALL--"), and "For item availability" (set to "By Day"). The "By" section lists search criteria: Item Name, Part #, Vendor #, Price, Manufacturer #, Weight, UPC #, and Item Category (set to "-- choose one --"). The footer of the page reads "www.openpro.com Web Based ERP solutions." and the browser status bar shows "Internet".

Search Screen

All the screens have many different options on searching records as well as sorting the data that is displayed on the screen. Also if you just hit the search button it will reply with all the records in the database. OpenPro ERP software has very powerful options with every search screen but also kept the logic simple for you.

In this example we can search items by the following categories:

Item #, Name or description, mfg number, weight and UPC. You can also search by Item Category. If you have multiple warehouse locations you can narrow your search down by that single location. Each field can be searched using a **% for a wild card**. Example search **%FG%** to find all items that have FG in the item name. With our advance SQL database searches are fast and easy.



The screenshot shows a web browser window titled "Openpro Systems - Item Find - Microsoft Internet Explorer". The address bar shows "http://home2.compuall.net/~program/frames.php". The main content area displays the "OpenPro.com Intranet v4.2 DEMO" interface. A left-hand menu lists various system modules, including "Inventory Control" and "Item Find". The "Item Find" screen shows a table of "Selected Items" with the following data:

<u>Item Name</u>	<u>Part #</u>	<u>Vendor #</u>	<u>Price</u>	<u>Manufacturer #</u>	<u>Weight</u>	<u>Stock</u>	<u>UPC #</u>	<u>ACTIONS</u>
1 Inch Nylon Strap	st100		4.99		0.000	165.000		Edit Inventory
FG100 OpenPro Red Wagon	FG100	V101	100.00	FG100	43.000	177.000	01238882231	Edit Inventory
FG200 Deluxe Wagon	FG200	OP	995.00	FV200	15.000	16072.000	45671233211	Edit Inventory
FG300 Custom Wagon	FG300	OP	1875.00	FG300	18.000	7.000	890812312313	Edit Inventory
FG400 Custom electric wagon	FG400	OP	15547.00	FG400	256.000	22.000	987987123123	Edit Inventory
FG500	FG500		50000.00		1000.000	100.000		Edit Inventory
METAL HANDLE	RM1200	METAL HANDLES	0.00	MH1200	4.000	456.000		Edit Inventory
RAW STEEL BARS	RMSTEEL	RS1000	0.00	SHEET STEEL	0.000	555.000	12312333	Edit Inventory
RAW WOOD 1 X 4	RM2001X4		0.00		0.000	220.000		Edit Inventory
SHEET METAL	RM1001		0.00	SM1001	0.000	55.000		Edit Inventory

Below the table, there is a "New Search" link.

Even once you received the result listing you can **sort** the listing by clicking on the top header of each column that is underlined.

If you have a large result, you can search by using **the EDIT/FIND** option on your browser.

You can **print** the information by clicking on the *Printer* Icon from the menu bar or doing a right click and choose "print" anywhere on the screen.

If at any time you want to change your search you can click on new search or click "Item Find" on the left menu bar.

Application Fundamentals

On the right side of the listing are actions. This is where you can drill down into more details about this record (items).

Here is the item availability screen that is used for **Available to Promise** for your customers.

Item Availability
FG100 - FG100 OpenPro Red Wagon **Sum by Week**

Date	Beginning Balance	Required	Receiving	Committed
6/22/2004	177.00	35.00	15.00	1.00
6/23/2004	156.00	0.00	0.00	7.00
6/24/2004	149.00	0.00	0.00	28.00
6/25/2004	121.00	0.00	0.00	0.00
6/26/2004	121.00	0.00	0.00	0.00
6/27/2004	121.00	0.00	0.00	0.00
6/28/2004	121.00	0.00	14.00	0.00
6/29/2004	135.00	0.00	0.00	0.00
6/30/2004	135.00	0.00	0.00	0.00
7/1/2004	135.00	0.00	0.00	10.00
7/2/2004	125.00	0.00	0.00	0.00
7/3/2004	125.00	0.00	0.00	0.00
7/4/2004	125.00	0.00	0.00	0.00
7/5/2004	125.00	0.00	0.00	0.00
7/6/2004	125.00	0.00	0.00	0.00
7/7/2004	125.00	0.00	143.00	0.00
7/8/2004	268.00	0.00	0.00	0.00
7/9/2004	268.00	0.00	0.00	10.00
7/10/2004	258.00	0.00	0.00	0.00
7/11/2004	258.00	0.00	0.00	0.00
7/12/2004	258.00	0.00	0.00	0.00
7/13/2004	258.00	0.00	0.00	0.00
7/14/2004	258.00	0.00	0.00	0.00
7/15/2004	258.00	0.00	0.00	0.00
7/16/2004	258.00	0.00	0.00	1.00
7/17/2004	257.00	0.00	0.00	0.00
7/18/2004	257.00	0.00	0.00	0.00
7/19/2004	257.00	0.00	0.00	2.00
7/20/2004	255.00	0.00	0.00	0.00

Application Fundamentals

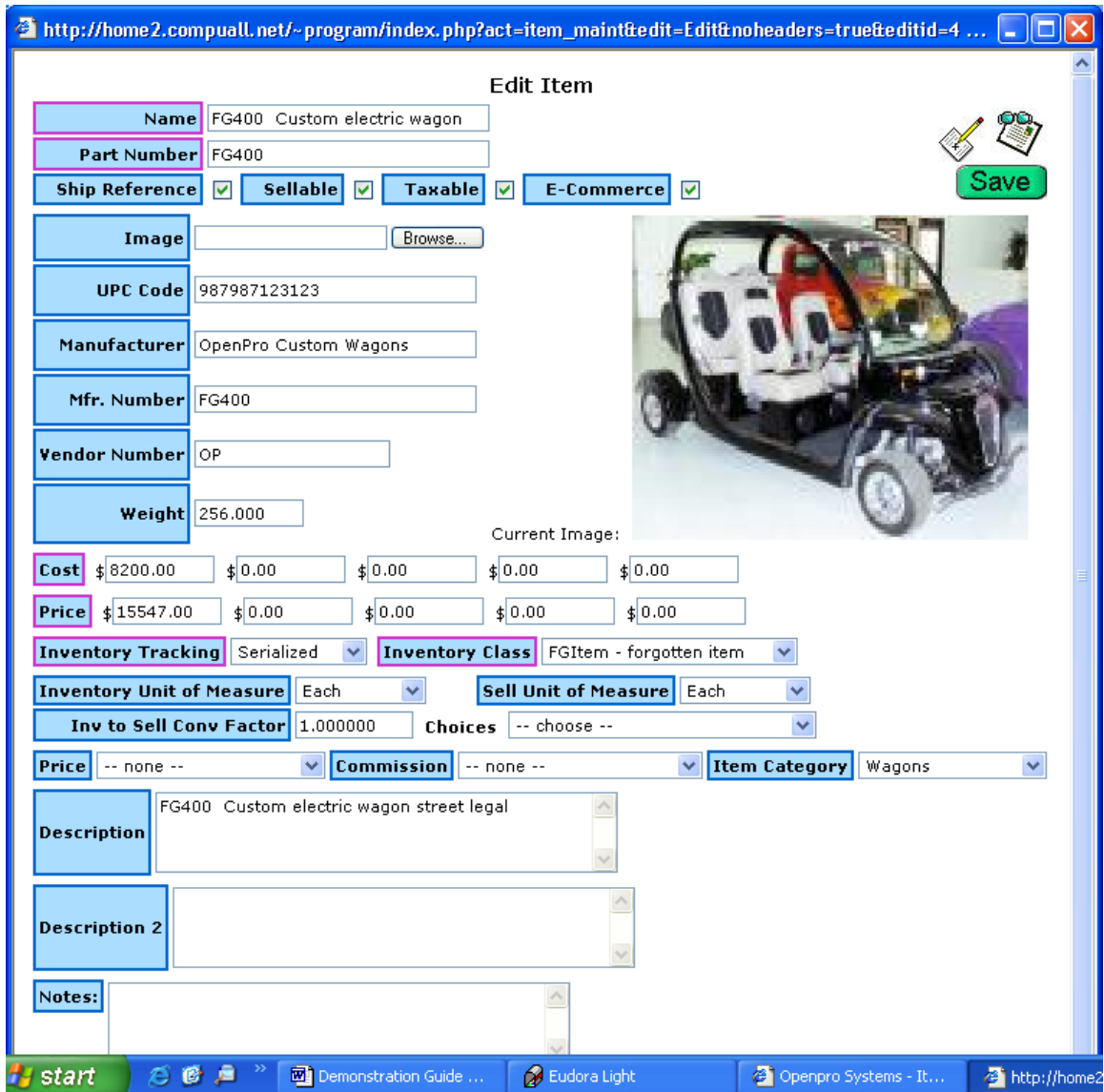
Here is the **Show Inventory** screen, displaying the current stock on hand. Here, you can also see a drill down list of serialized items.

Inventory on Hand for FG400
FG400 Custom electric wagon

Location Code	Location Name	Location Phone	Quantity on Hand
hwd	Hollywood	213-444-9088	3.000
DEMO	OpenPro Demo Store	7149642140	8.000
	Serial nos:		
	1237		1.000
	1238		1.000
	1239		1.000
	1241		1.000
	1242		1.000
	1243		1.000
	1245		1.000
	1244		1.000
WHSE	Warehouse	234-234-9898	11.000
			22

Application Fundamentals

Here is **Edit** screen, displaying the item and all its characteristics.



Edit Item

Name FG400 Custom electric wagon

Part Number FG400

Ship Reference **Sellable** **Taxable** **E-Commerce** **Save**

Image


UPC Code 987987123123

Manufacturer OpenPro Custom Wagons

Mfr. Number FG400

Vendor Number OP

Weight 256.000

Current Image: 

Cost \$ 8200.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00

Price \$ 15547.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00

Inventory Tracking Serialized **Inventory Class** FGItem - forgotten item

Inventory Unit of Measure Each **Sell Unit of Measure** Each

Inv to Sell Conv Factor 1.000000 **Choices** -- choose --

Price -- none -- **Commission** -- none -- **Item Category** Wagons

Description FG400 Custom electric wagon street legal

Description 2

Notes:

start | Demonstration Guide ... | Eudora Light | Openpro Systems - It... | http://home2

Basic Process Flow

This section is a continuation of Application Demonstration Guide I and II and is designed to orient you to the basic flow process through the OpenPro Manufacturing Standard Solution. We've assembled a series of related screenshots to illustrate a logical sequence of business scenarios. We hope you'll find the scenarios to be useful. Feel free to test them out yourself. Your evaluation database comes pre-loaded with the same sample data used to generate the screen shots in this section.

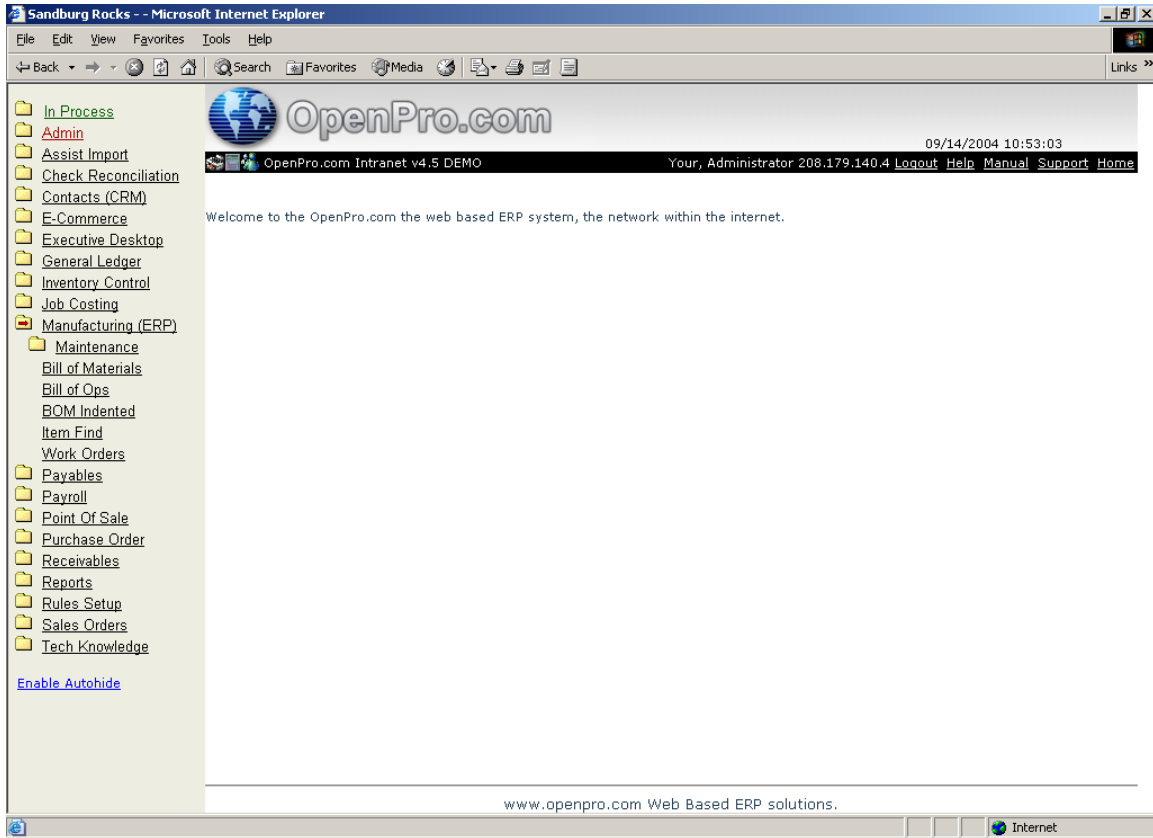
The basic flow starts with Manufacturing Bill of Materials, Routings, Exploded Bills, Inventory Items Setup, Sales Order Manufacturing configurator, Work order processing and scheduling.

The key corporate benefits for ERP Manufacturing modules are as follows:

- Reduce Inventories, increase inventory turns and increase ability to meet clients demands.
- Increase production capacity and improve asset use thereby reducing unnecessary capital expenditures.
- Increase profits by improving productivity and reducing cost through minimal scrap and manufacturing waste.
- Catch costing trends before they happen through automatic data checking and warning system when going out of tolerance.
- Lower cost by optimizing production.
- Increase utilization through scheduling optimization.
- Improve customer service with faster lead times and on-time deliveries.

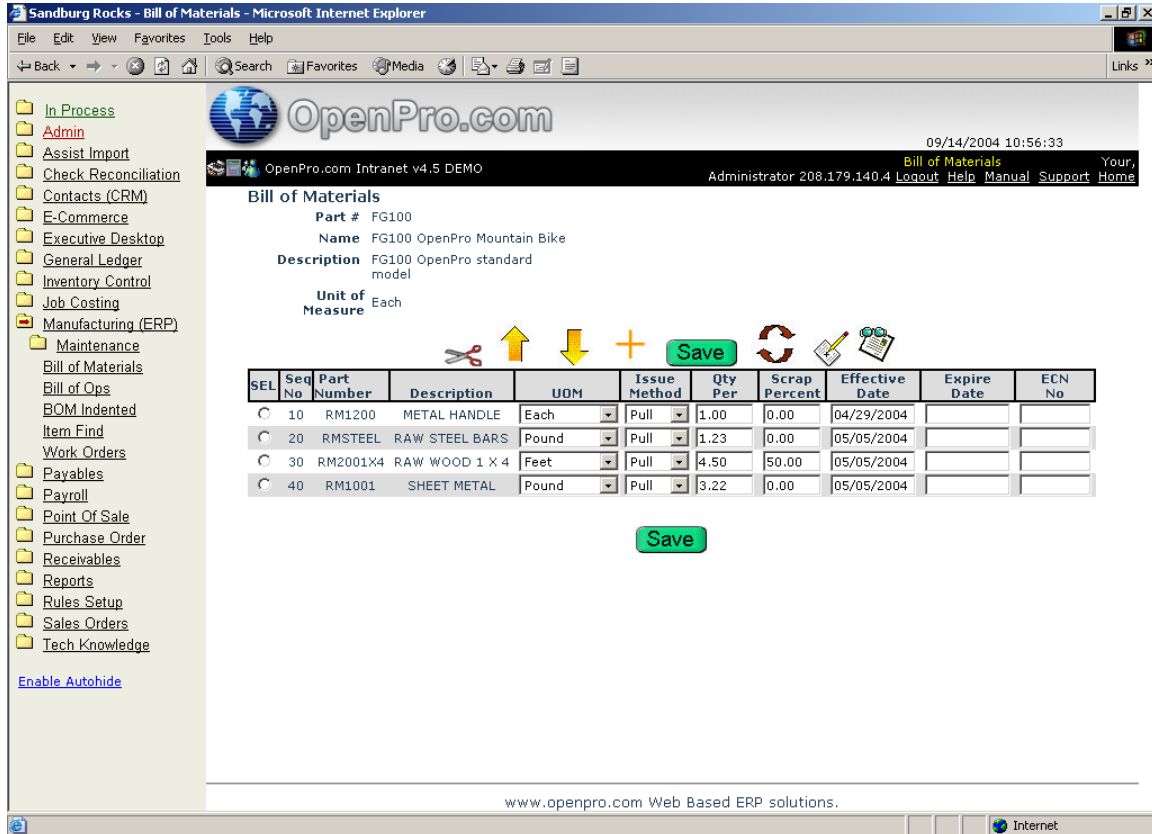
Getting Started with Manufacturing Standards

After you Login, go to the Manufacturing sub menu.



Getting Started with Manufacturing Bill of Materials

The first screen is the **Bill of Materials**, use FG100 for an example items.



The screenshot displays the OpenPro.com Bill of Materials interface for part FG100. The interface includes a navigation menu on the left, a header with the OpenPro.com logo and date/time, and a main content area with a table of components. The table has the following data:

SEL	Seq No	Part Number	Description	UOM	Issue Method	Qty Per	Scrap Percent	Effective Date	Expire Date	ECN No
<input type="radio"/>	10	RM1200	METAL HANDLE	Each	Pull	1.00	0.00	04/29/2004		
<input type="radio"/>	20	RMSTEEL	RAW STEEL BARS	Pound	Pull	1.23	0.00	05/05/2004		
<input type="radio"/>	30	RM2001X4	RAW WOOD 1 X 4	Feet	Pull	4.50	50.00	05/05/2004		
<input type="radio"/>	40	RM1001	SHEET METAL	Pound	Pull	3.22	0.00	05/05/2004		

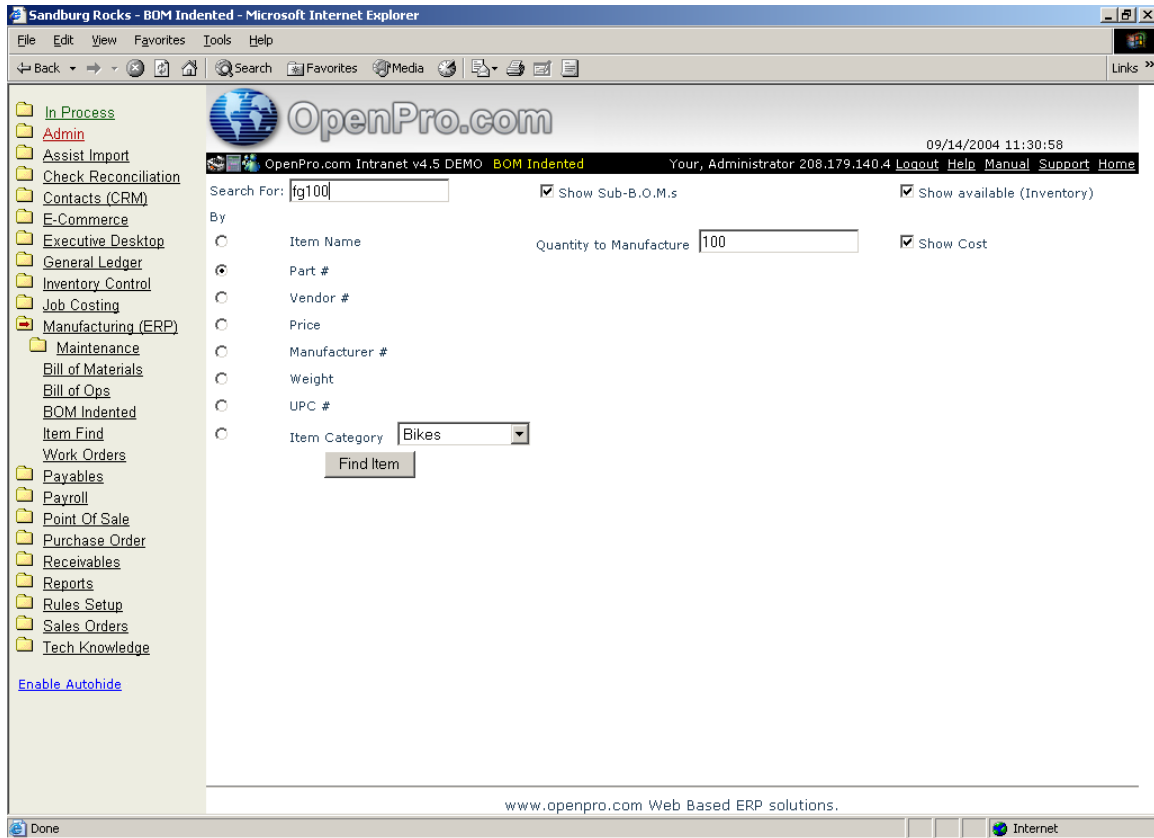
OpenPro **Bill of Material** features include:

- * unlimited number levels of bill of material.
- * quantity per, can be up to 8 decimals to the right of the decimal place.
- * handles phantom bills, soft bills, flow through bills, back flushing.
- * keep track of scrap percent and costing , based upon both the engineering standard and actual.
- * Engineering change control (ECN) to maintain bills of materials.
- * Shows pictures of the engineering drawing.

OpenPro has built-in complete manufacturing bill of materials that also integrates with the configurator.

Getting Started with Manufacturing Bill of Material

When you select **BOM Indented**, select part number and type in FG100, enter in the quantity required.



Getting Started with Manufacturing Bill of Material Exploded Bill

When you select **BOM Indented**, select part number and type in FG100, enter in the quantity required.

09/14/2004 11:33:17
 OpenPro.com Intranet v4.5 DEMO
 Your, Administrator 208.179.140.4 Logout Help Manual Support Home

Item **FG100** **FG100 OpenPro Mountain Bike**
 FG100 OpenPro standard model

Location Inventory: 58
 Overall Inventory: 233
 Unit of Measure: Each
 Quantity Needed: 100

Seq #	Item #	Description	Unit Of Measure	# per Unit	Extended	Location Inventory	Total Inventory	Total Cost
10	RM1200	METAL HANDLE	Each	1.000	100.000	450.000	465.000	1289.00
10	RMSTEEL	RAW STEEL BARS RAW STEEL BARS	Pound	1.000	100.000	555.000	555.000	2244.00
20	RM1001	SHEET METAL	Pound	1.756	175.550	554.000	554.000	17555.00
20	RMSTEEL	RAW STEEL BARS RAW STEEL BARS	Pound	1.230	123.000	555.000	555.000	2760.12
30	RM2001X4	RAW WOOD 1 X 4 RAW WOOD	Feet	4.500	450.000	208.000	220.000	1548.00
40	RM1001	SHEET METAL	Pound	3.220	322.000	55.000	554.000	32200.00
							Total Cost	57596.12

Part	Part Name	Projected WO Quantity	Total Currently Available	Total Anticipated Changes	Net	Resulting Inventory
RM1001	SHEET METAL	497.550	55.000	-550.180	-495.180	-992.730
RM1200	METAL HANDLE	100.000	450.000	-181.000	269.000	169.00
RM2001X4	RAW WOOD 1 X 4	450.000	208.000	-1233.000	-1025.000	-1475.000
RMSTEEL	RAW STEEL BARS	223.000	555.000	-215.020	339.980	116.98

www.openpro.com Web Based ERP solutions.

The top portion shows the exploded Bill of Materials. Also it explodes the quantity required. The box below shows the material required to complete the quantity of 100 and in Red shows the shortages of inventory.

Getting Started with Manufacturing Bill of Material Where Used

When you select **Item Find**, select **Item Category Raw Materials**.

The screenshot shows a Microsoft Internet Explorer browser window displaying the OpenPro.com Intranet. The page title is "Sandburg Rocks - Item Find - Microsoft Internet Explorer". The browser's address bar shows "OpenPro.com Intranet v4.5 DEMO". The page header includes the OpenPro.com logo, the date "09/14/2004 11:49:28", and the user information "Your, Administrator 208.179.140.4".

The main content area is titled "Find Item" and includes a search form. The search criteria are as follows:

- Search:** An empty text input field.
- By:** A list of search criteria with radio buttons:
 - Item Name
 - Part #
 - Vendor #
 - Price
 - Manufacturer #
 - Weight
 - UPC #
 - Item Category
- Item Category:** A dropdown menu set to "Raw Materials".
- Filters:** Three checked checkboxes:
 - Stock on hand
 - exclude non-inventory items
 - exclude Labor Billables
- Show Inventory For Location:** A dropdown menu set to "--ALL--".
- For item availability:** Two radio buttons, with "By Day" selected.

A blue "Search" button is located below the search criteria.

The left sidebar contains a navigation menu with the following items:

- In Process
- Admin
- Assist Import
- Check Reconciliation
- Contacts (CRM)
- E-Commerce
- Executive Desktop
- General Ledger
- Inventory Control
- Job Costing
- Manufacturing (ERP)
 - Maintenance
 - Bill of Materials
 - Bill of Ops
 - BOM Indented
 - Item Find
 - Work Orders
- Payables
- Payroll
- Point Of Sale
- Purchase Order
- Receivables
- Reports
- Rules Setup
- Sales Orders
- Tech Knowledge

At the bottom of the page, there is a footer with the text "www.openpro.com Web Based ERP solutions." and an "Internet" icon in the taskbar.

Getting Started with Manufacturing Bill of Material Where Used

When you select **Item Find**, select Item Category **Raw Materials**.

Select item **Metal Handle RM1200**

OpenPro.com Intranet v4.5 DEMO Item Find Your, Administrator 208.179.140.4 Logout Help Manual Support Home

09/14/2004 12:44:27

Selected Items

Item Name	Part #	Price	Weight	Stock	UPC #	ACTIONS
1 Inch Nylon Strap	st100	4.99	0.000	175		edit Inventory View All Inventory Availability requirements BOM
1/2 dowel	d1000	4.00	0.000	2350		edit Inventory View All Inventory Availability requirements BOM
METAL HANDLE	RM1200	0.00	4.000	465		edit Inventory View All Inventory Availability requirements BOM
RAW STEEL BARS	RMSTEEL	0.00	0.000	555	12312333	edit Inventory View All Inventory Availability requirements BOM
RAW WOOD 1 X 4	RM2001X4	0.00	0.000	220		edit Inventory View All Inventory Availability requirements BOM
SHEET METAL	RM1001	0.00	0.000	554		edit Inventory View All Inventory Availability requirements BOM

[New Search](#)

www.openpro.com Web Based ERP solutions.

Click on **BOM** and you see where this item is being used in the BOM

Bill of Material Items for
RM1200: METAL HANDLE

Seq No	Part Number	Description	UOM	Issue Method	Qty Per	Scrap Percent	Effective Date	Expire Date
10	FG300	FG300 Custom Mountain Bike		Pull	1.00000	0.000	04/29/2004	
10	FG100	FG100 OpenPro Mountain Bike		Pull	1.00000	0.000	04/29/2004	
20	FG200	FG200 Deluxe Mountain Bike		Call	1.00000	0.000	07/30/2004	
40	FG400	FG400 Custom electric Bike		Call	6.00000	0.000	04/26/2004	
50	FG400	FG400 Custom electric Bike		Call	7.00000	0.000	04/30/2004	

Getting Started with Manufacturing Bill of Operations or Routings

From the menu select **Bill of Ops**, Enter in FG100 item number the system will display the following BOO records.

You can drill down to the details of each operation and see details records.

OpenPro.com 09/14/2004 12:46:38
 OpenPro.com Intranet v4.5 DEMO **Bill of Ops** Your, Administrator 208.179.140.4 Logout Help Manual Support Home

Bill of Operations
 Bill of Operations Name: FG100 BOO5456 [open]

SEL	Seq No	Std Oper.	Work Center	Description	Effective	Expires	Setup Times	Run Time	Update Oper
<input checked="" type="radio"/>	10	Edge Mill Op	Cutting meta	- Take sheets of Metal and cut into 2.5' by 4.2'	Over 3000	Never	2.000	1.000	
<input type="radio"/>	20	Edge Mill Op	Cutting meta	2134123	Always	Never	22.433	34.440	
<input type="radio"/>	30	Edge Mill Op	Metal Shapin			Never	43.660	54.000	

Details for Operation 10:

- Standard Operation:** Edge Mill Operations
- Description:** - Take sheets of Metal and cut into 2.5' by 4.2'
- Work Center:** Cutting metal
- Tooling Ref:** large Gold Racks
- Effective:** Over 3000
- Expires:** Never
- Setup Time (mins):** 2.000
- Run Time (mins):** 1.000
- Report Setup Time Cost as:** Indirect fixed
- Report Run Time Cost as:** Indirect fixed
- Instructions:**
 - Setup machine for program CUT BED FG100
 - Run test sample size (2)
 - Q.C test sample size

Save

www.openpro.com Web Based ERP solutions.

Getting Started with Manufacturing Product Configurator in Order Entry

From the menu select **Order Entry, Add Order**. Search for a customer then select **New Order**.

The screenshot shows the OpenPro.com Intranet v4.5 DEMO interface. The left sidebar contains a navigation menu with folders such as In Process, Admin, Assist Import, Check Reconciliation, Contacts (CRM), E-Commerce, Executive Desktop, General Ledger, Inventory Control, Job Costing, Manufacturing (ERP), Payables, Payroll, Point Of Sale, Purchase Order, Receivables, and Reports. The main content area displays a table titled "Selected Customers" with columns for Name, Ref #, Company, Phone #, City, State, and Actions. The Actions column includes buttons for New Order, MORE INFO, Change, and Invoices.

Name	Ref #	Company	Phone #	City, State	Actions
52345, fasdf	666u		345345345	Fountain Valley, CA	New Order MORE INFO Change Invoices
baggins, bilbo			898423342323	Santos, NM	New Order MORE INFO Change Invoices
Beach, Sandy	2	Sandy Toy Company	8982324567	Fountain Valley, CA	New Order MORE INFO Change Invoices
Blow, joe	19		76523441111	Fountain Valley, CA	New Order MORE INFO Change Invoices
Clark, Jim	5		7143784600	Fountain Valley, CA	New Order MORE INFO Change Invoices
clark, jim	6	Cocanut Oil Dist CO	7149642140	Fountain Valley, CA	New Order MORE INFO Change Invoices
Clark, Jim		OpenPro	7143784603	Fountain Valley, CA	New Order MORE INFO Change Invoices
clark, jim		compuall	71496421401	fv, CA	New Order MORE INFO Change Invoices

Select **Warehouse, Bikes** and click on the **FG100 Details** link, see the add-on configured items below.

The screenshot shows the OpenPro.com Intranet v4.5 DEMO interface displaying the product details for the FG100 OpenPro Mountain Bike. The left sidebar contains a navigation menu with folders such as In Process, Admin, Assist Import, Check Reconciliation, Contacts (CRM), E-Commerce, Executive Desktop, General Ledger, Inventory Control, Job Costing, Manufacturing (ERP), Payables, Payroll, Point Of Sale, Purchase Order, Receivables, Reports, Rules Setup, Sales Orders, History, Maintenance, Reports, RMA, Wizard, Add order, Customer Search, Process Services, Search Invoices, Search Quotes, SO Shipments, and Tech Knowledge. The main content area displays the product details for the FG100 OpenPro Mountain Bike, including a product image, product information, purchasing information, and a list of suggested products.

Warehouse → Bikes → FG100 OpenPro Mountain Bike

FG100 OpenPro Mountain Bike

FG100 OpenPro standard model

Product Info:
 UPC: 01238882231
 Mfr: OpenPro Toy Company
 MfrNum: FG100
 PartNum: FG100
 Weight (lb): 5.500
 Retail: 100.00

Items in Stock: **58**

Purchasing Info:
[Add to Cart](#) Price: \$100.00

Notes:

Products to suggest:

Power Opticube	Retail: 89.00	Stock: 0	Check Stock	Add to Cart
Racing Bars Aluminum bar	Retail: 110.00	Stock: 0	Check Stock	Add to Cart
Airflex saddle	Retail: 79.00	Stock: 0	Check Stock	Add to Cart

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Getting Started with Manufacturing Work Order Processing

After we created a work order from the sales order. From the menu go to **Manufacturing, Work Orders** and click on **Find Work Order**.

From this list you can sort by any top menu item by clicking on the field header area. We sorted the list by work order number and selected work order 71.

The screenshot shows the OpenPro.com Intranet v4.5 DEMO interface. The left sidebar contains a navigation menu with items like Assist Import, Check Reconciliation, Contacts (CRM), E-Commerce, Executive Desktop, General Ledger, Inventory Control, Job Costing, Manufacturing (ERP), Maintenance, Bill of Materials, Bill of Ops, BOM Indented, Item Find, Work Orders, Payables, Payroll, Point Of Sale, Purchase Order, Receivables, Reports, Rules Setup, Sales Orders, and Tech Knowledge. The main content area is titled 'Work Orders' and includes a search form with fields for Item Number, Item Name, Work Order Number, W.O. Status, Item Category, Min Start Date, Min Due Date, Max Start Date, Max Due Date, and Creator Rep. A 'Find Work Order' button is present. Below the search form is a table of work orders with columns: W.O. #, Item #, Item Name, WO Qty, WO Start, WO Due, Creator Rep, Sales Order, WO Status, and Sls Qty. The table is sorted by W.O. #, and work order 71 is highlighted.

W.O. #	Item #	Item Name	WO Qty	WO Start	WO Due	Creator Rep	Sales Order	WO Status	Sls Qty
71	FG200	FG200 Deluxe Mountai	10.00	09/26/2004		Administrator Your	4171	Plan	10.00
70	FG200	FG200 Deluxe Mountai	1.00	09/26/2004		Administrator Your	4171	Plan	10.00
69	FG200	FG200 Deluxe Mountai	10.00	09/26/2004		Administrator Your	0	Plan	10.00
68	FG300	FG300 Custom Mountai	22.00	00/00/0000		Administrator Your		Plan	0.00
67	FG200	FG200 Deluxe Mountai	18.00	00/00/0000		Administrator Your		Firm Plan	0.00
66	FG200	FG200 Deluxe Mountai	100.00	08/17/2004		Administrator Your	0	Plan	100.00
65	FG300	FG300 Custom Mountai	1.00	07/23/2004		Administrator Your	0	Plan	1.00
64	FG300	FG300 Custom Mountai	1.00	07/23/2004		Administrator Your	0	Plan	1.00
63	FG300	FG300 Custom Mountai	1.00	07/23/2004		Administrator Your	0	Plan	1.00
62	FG200	FG200 Deluxe Mountai	200.00	08/11/2004		Administrator Your	4089	Plan	200.00
61	FG200	FG200 Deluxe Mountai	100.00	08/11/2004		Administrator Your	0	Plan	100.00
60	FG300	FG300 Custom Mountai	25.00	07/13/2004		Administrator Your	0	Plan	1.00
59	FG300	FG300 Custom Mountai	200.00	05/14/2004		Administrator Your		Plan	0.00
58	FG200	FG200 Deluxe Mountai	1.00	06/16/2004		Administrator Your	0	Plan	1.00

Getting Started with Manufacturing Work Order Processing

Then you can drill down and see the detail work order.

Work Order: 71

Part #	FG200	Created by	Administrator Your
Name	FG200 Deluxe Mountain Bike	Creation Date	09/14/2004
Description	Deluxe Mountain Bike with wood side rails	Status	Plan
Customer	Sandy Toy Company Change Customer Order: 4171 Line: 0001 Change Order	Bill of Materials	Reset B.O.M Edit/View B.O.M
Reference	Quote: 4171, Line	Bill of Operations	Reset B.O.O Edit/View B.O.O
Unit of Measure	Feet	Generate Pick List Generate Routing	
Warehouse	OpenPro Demo Store	Lead Time	23
Quantity Ordered	10.00	Quantity Completed	0.00
Start Date/Time	09/26/2004 00:00	Completed Date	

Production Notes

[Save](#)

You can also see details of the BOM and BOO.

Bill of Materials for Work Order # 71, item FG200

SEL	Seq No	Part Number	Description	UOM	Issue Method	Qty Per	Projected Quantity	Scrap Percent	Actual Quantity	Actual Scrap	Order
<input type="radio"/>	10	d1000	1/2 dowel	Each	Call	15.50	155.00	10.00	0.00000	0.00000	Add P.O. Add W.O.
<input type="radio"/>	20	RM1200	METAL HANDLE	Each	Call	1.00	10.00	0.00	0.00000	0.00000	Add P.O. Add W.O.
<input type="radio"/>	30	RMSTEEL	RAW STEEL BARS	Pound	Call	4.13	41.26	10.00	0.00000	0.00000	Add P.O. Add W.O.
<input type="radio"/>	40	RM2001X4	RAW WOOD 1 X 4	Feet	Call	3.50	35.00	0.00	0.00000	0.00000	Add P.O. Add W.O.
<input type="radio"/>	50	RM1001	SHEET METAL	Pound	Call	4.00	40.00	0.00	0.00000	0.00000	Add P.O. Add W.O.

[Save](#)

The system gives you the capability to build immediate purchase orders for raw materials when you are short.

When the work order is completed, the shipping department will be notified that the sales order is ready for shipping.

Getting Started with Manufacturing Work Order Processing

The purchase order is created, using the selected supplier.
 During the receipt of that item the system will notify receiving that the product is for the manufacturing order number 71 for **Just in time Processing**.

The screenshot shows a web browser window titled "Sandburg Rocks -- Microsoft Internet Explorer". The page displays a purchase order form with the following details:

PO Number: 146 **Req. Number: 61** **Status: Open** **Revision: 0**

Buttons: [Print Requisition](#) [Print Purchase Order](#)

Supplier: Steel, John Metal Supply Company 123 Real Metal Lane

Billing:
 John,Steel
 JOHN@METALSUPPLY.COM
 OWNER
 123 Real Metal Lane
 Metal city AL 05467
Phone: (432)611-9275
Cell:
Fax: (432)222-1245

Ship From:
 John,Steel
 OWNER
 123 Real Metal Lane
 Metal city AL 5467
Phone: (432)611-9275
Cell:
Fax:(432)222-1245

Purchase Order Information

Order Notes: For WO 71, B.O.M part d1000

Approved By: Administrator Your **Buyer:** Administrator Your **U.D. fld 1:** _____

Approved Date: 09/14/2004 (mm/dd/yyyy) **Payment Terms:** Check / Check **U.D. fld 2:** _____

Requisition Date: 09/14/2004 (mm/dd/yyyy) **Ship Method:** Truck Delivery

Required Date: 09/26/2004 (mm/dd/yyyy)

P.O. Print Date

Item Name	Part No.	UOM	Due Date	Notes	Ship To	Quantity Ordered	Quantity Received	Unit Cost	Extended Amount
brimmed hat	a1999	Each	09/26/2004			155.00000	0.00000	18.00	2790.00
								Subtotal	2790.00
								Tax	0.00
								Shipping	0.00
								Miscellaneous	0.00
								Grand Total	2790.00

Tax Code: -- choose --

Ship \$: 0.00 **Misc \$:** 0.00

We would be happy to answer any additional questions you may have about this module. You can reach us by phone (714) 378-4600, email or live web support.

Thank you again for your interest in OpenPro. Your ideas and suggestions are always welcome.



OpenPro ERP Software

OpenPro Application Demonstration Guide Manufacturing

10061 Talbert Ave Suite 228

Fountain Valley, CA 92708

Telephone 714-378-4600

Fax 714-964-1491

www.openpro.com

infoop@openpro.com

END