

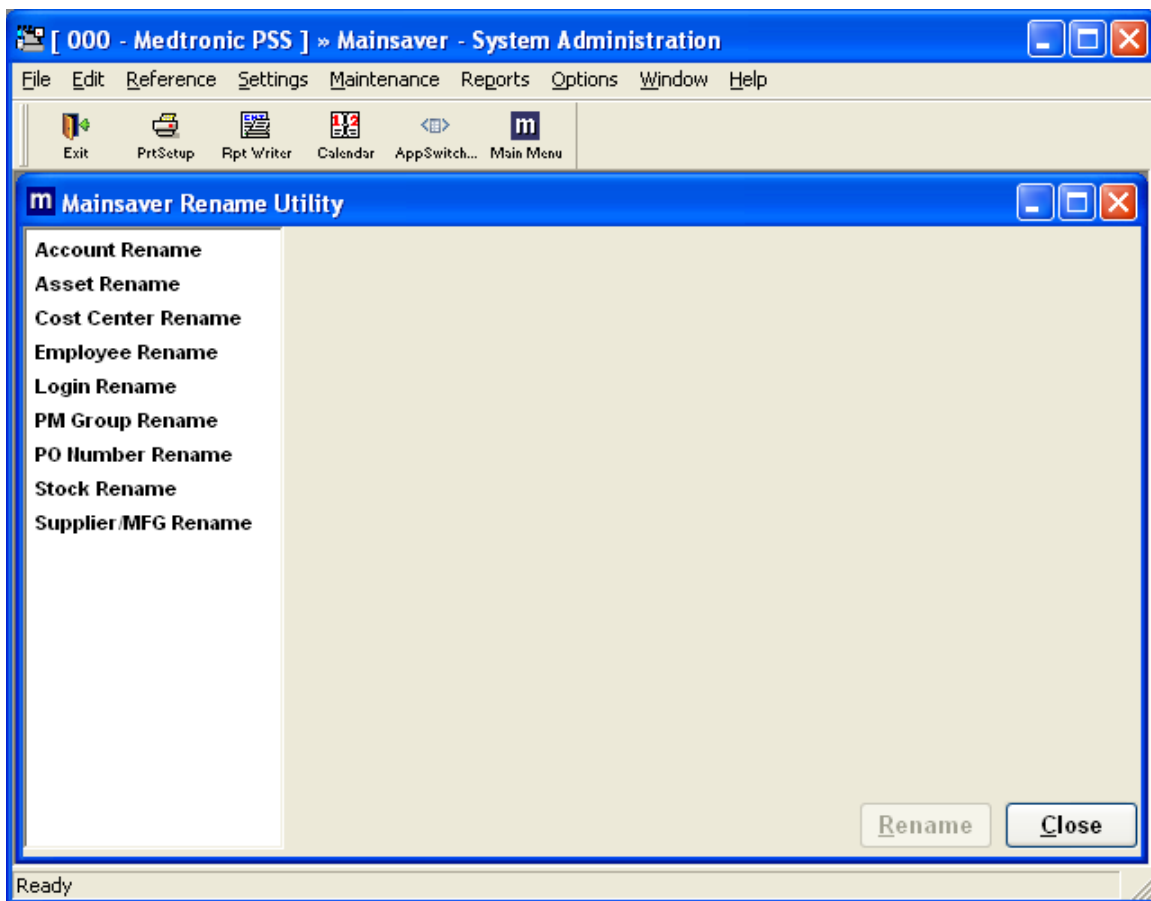
Mainsaver 11.5 Releases

Mainsaver continues to provide customer originated enhancements with the release of version 11.5. Customers may obtain the 11.5 install image from the Customer Support website and request a new serial number from the Helpdesk (1-800-467-6270).

Retaining the classic Mainsaver look and feel, new features include;

Renaming tools are now in the System Administration module and include new tools for renaming employee ID, Suppliers and Stock Numbers.

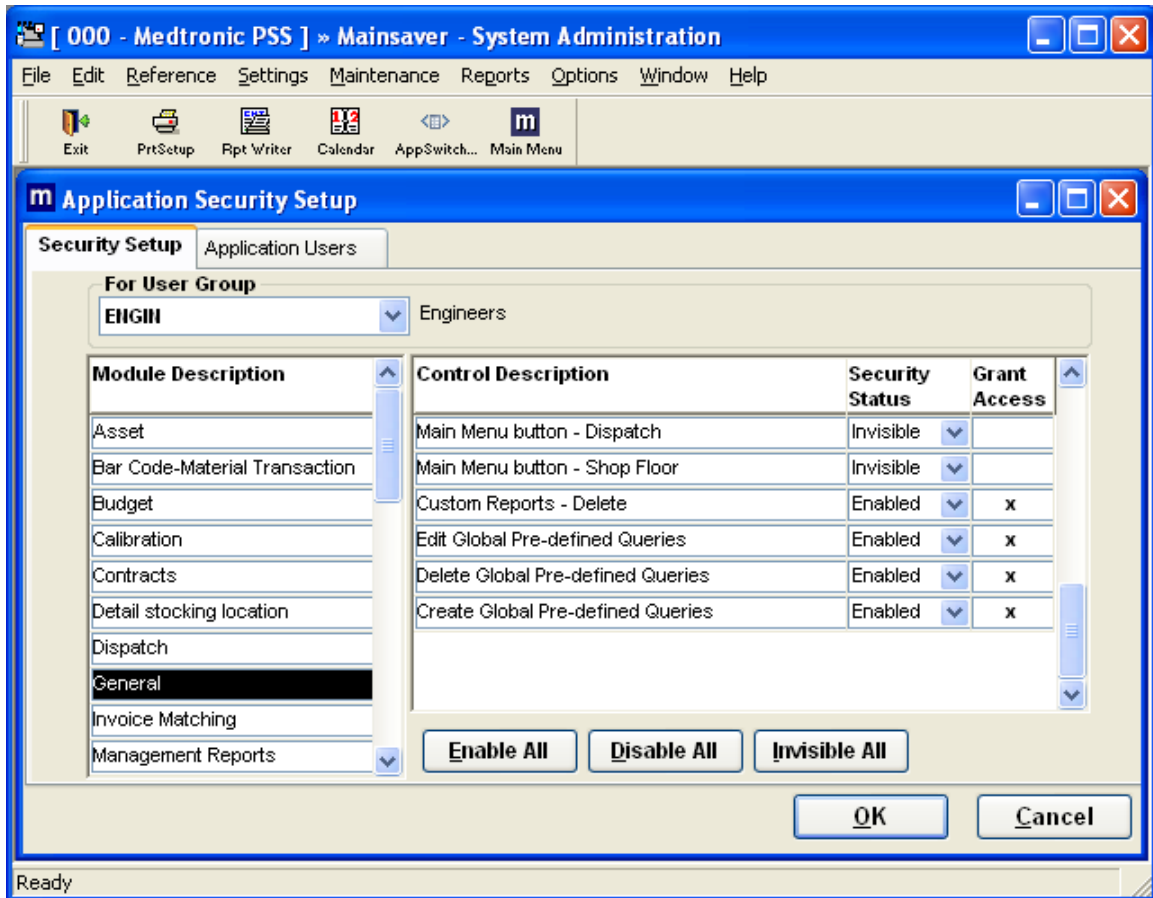
Renaming tools



Windows authentication allows SQL server users to setup Windows groups on the SQL server instead of individual SQL accounts. Upon login to the Mainsaver client software, Mainsaver will inherit the login ID and password from the current Windows user.

Security on global queries will prevent selected user groups from creating and deleting global queries.

Global query security



View only options for key records grants selected users the ability to view certain data but not change those records.

Enhanced project budgeting and cost tracking allows users to group work orders by project ID and report on project costs.

Project cost report

The screenshot shows a software application window titled "Project Cost" with a menu bar (File, Edit, Modules, View, Lists, Reports, Query, Options, Window, Help) and a toolbar. The main content area displays a "Work Order Cost Summary for Project CAPEX ABC 123" for "ABB Robot installation".

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Project closed
Date: 1/12/2010 12:06:01

Project Manager: Ed Bello
Chg Cost Center: 5020
Budget: \$10,000.00

Labor Account:
Material Account:
Contract Account:

Work Order	Asset Number	Description	Org Date	Completion Date	Status	Actual Hours	C O S T S
C100114	4676	Scissorlift Indexer Cart	05/15/2008	05/15/2008	CLO	0	LABOR: \$0.00 MATERIAL: \$0.00 CONTRACT: \$10,499.00 TOTAL: \$10,499.00
C100115		018-BG911.001.004 Jockey Pump	05/15/2008	00/00/0000	MM	2	LABOR: \$90.00 MATERIAL: \$612.00 CONTRACT: \$0.00 TOTAL: \$702.00

Work Requested: Robot Installation
Corrective Action: W/O COMPLETE AS REQUESTED

Work Requested: run 220v power
Corrective Action: Mon 04 Jan 2010, 08:53 pm, Pedro Bravo:

2 Work Orders listed

SUM FOR PROJECT

Actual Hours:	
LABOR:	\$90.00
MATERIAL:	\$612.00
CONTRACT:	\$10,499.00
GRAND TOTAL:	\$11,201.00
BUDGET:	\$10,000.00
Balance:	(\$1,201.00)

Project ID: CAPEX ABC 123

Print Cancel

Double click for zoom options

Additional asset hierarchy navigation capability allows users to default asset and work order module views to a specific hierarchy query.

Web Based Releases

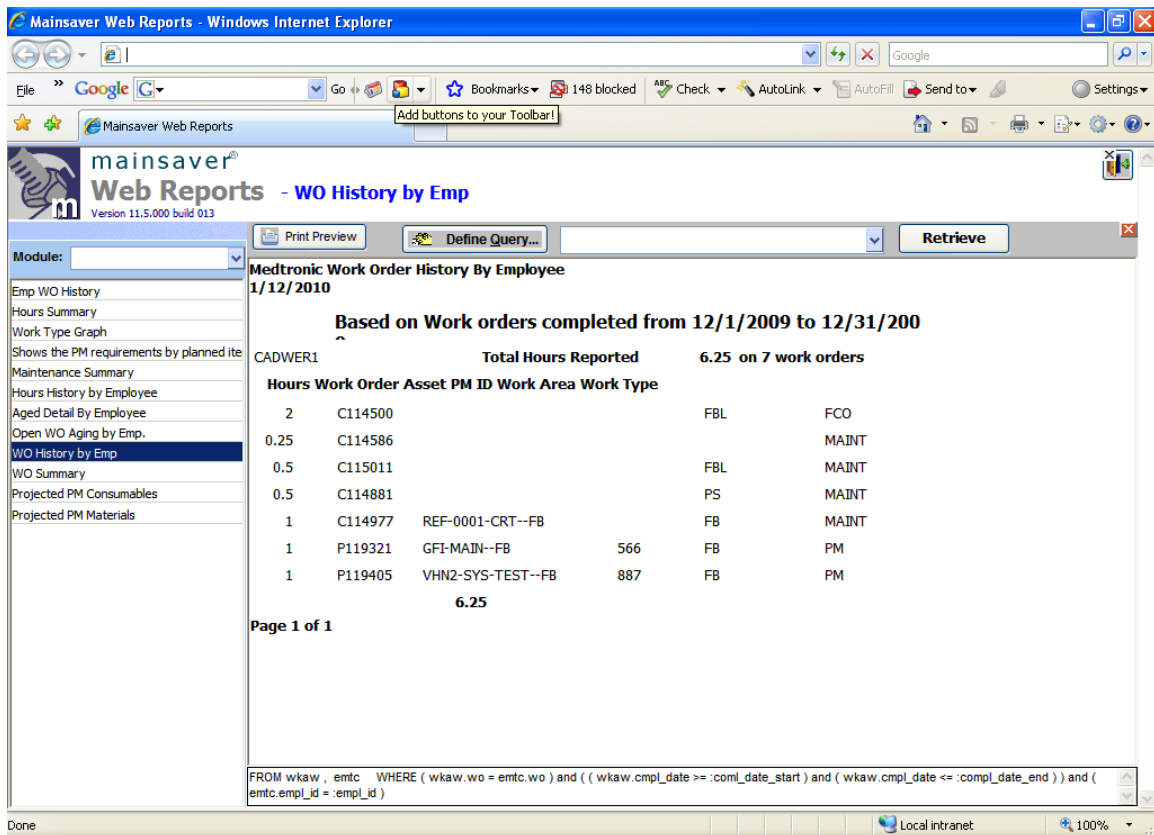
Complementing the existing WebMainsaver product, two new browser based products are available for customers wanting the convenience of true zero footprint applications. Both products allow for an unlimited number of concurrent users.

Web Reports 11.5

This web based reporting tool allows enterprise wide reporting on the Mainsaver database. Working with Mainsaver Professional Services, customers may deploy a standard set of KPI reports or develop customer specific reports using Infomaker. Web Reports 11.5 allows users to query on any data elements in the report in order to drill down into more detail or perform 'what if' scenarios.

Customers with an existing Infomaker library will be able to deploy these reports over the web.

Example Web Reports menu



The screenshot shows a web browser window titled "Mainsaver Web Reports - Windows Internet Explorer". The page displays a report titled "Medtronic Work Order History By Employee" for the date "1/12/2010". The report is based on work orders completed from 12/1/2009 to 12/31/2009. The report shows a table of work orders with columns for Hours, Asset, PM ID, Work Area, and Work Type. The total hours reported is 6.25 on 7 work orders.

Hours	Asset	PM ID	Work Area	Work Type
2	C114500			FBL FCO
0.25	C114586			MAINT
0.5	C115011			FBL MAINT
0.5	C114881			PS MAINT
1	C114977	REF-0001-CRT--FB		FB MAINT
1	P119321	GFI-MAIN--FB	566	FB PM
1	P119405	VHN2-SYS-TEST--FB	887	FB PM

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FROM wkaw , emtc WHERE (wkaw.wo = emtc.wo) and ((wkaw.cmpl_date >= :coml_date_start) and (wkaw.cmpl_date <= :coml_date_end)) and (emtc.emp_id = :emp_id)

Web Shop Floor 11.5

Web Shop Floor puts the real time work flow management features of the classic client based Shop Floor module into a web based solution. Users will be able to view work queues and log on to assigned work orders. Timecards are computed based on elapsed time on the work order however trades people may add additional time as needed.

The screenshot displays the Mainsaver Web Shop Floor interface within a Windows Internet Explorer browser. The interface includes a navigation menu on the left with sections for Work, Asset, Time Reporting, and Materials. The main content area shows a 'Work Queue' table with the following data:

Work Order	Activity Code	Plan Priority	Status	RIME	Asset Number	Safety?	Work Requested	Work Area	Work Group	Fault Code	Originator
C100387	MAINT	3	AWW		10576	N	Power fault detected at console.	PROD			
C100388	MAINT	3	DO		DR-403	N	Electrical System Failure	PROD		ELECTRI	
C100398	MAINT	3	DO		400030	N	Replace UPS.	PROD			
C100399	MAINT	3	DO		100030	N	Fluid leak reported near line 3 conveyo	PROD			
C100405			DO		100030	N	bearing	PROD		BEARN	
P100172		3	AWS		100032	N	Check that area around scale is free fr	PROD			
P100192		3	AWS		100032	N	Check that area around scale is free fr	PROD			
P100203		3	AWS		100032	N	Check that area around scale is free fr	PROD			

At the bottom of the interface, the user information is displayed:

User: 1002 - Couert, James
 In-Work WO: P100179
 Scheduled Work: P100179 10/1/2009 16:19