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The MAPICS Experts

The New Face of MAPICS

Mining for Data in PowerLink

The Power Of the 'Right Click' in PowerLink

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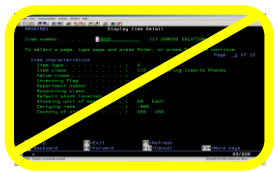
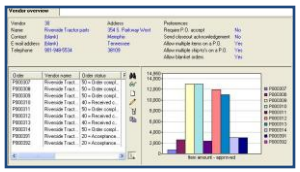




Introduction

- Throughout PowerLink (and Browser) right clicking on a record will allow you to:
  - Retrieve information without having to open another object
  - Maintain a record or associated record
  - Format a view or subset
  - Collect information about the list
  - Set Preferences
- Utilizing the right click to ‘mine’ for data can be a real time saver and get you to the information you need

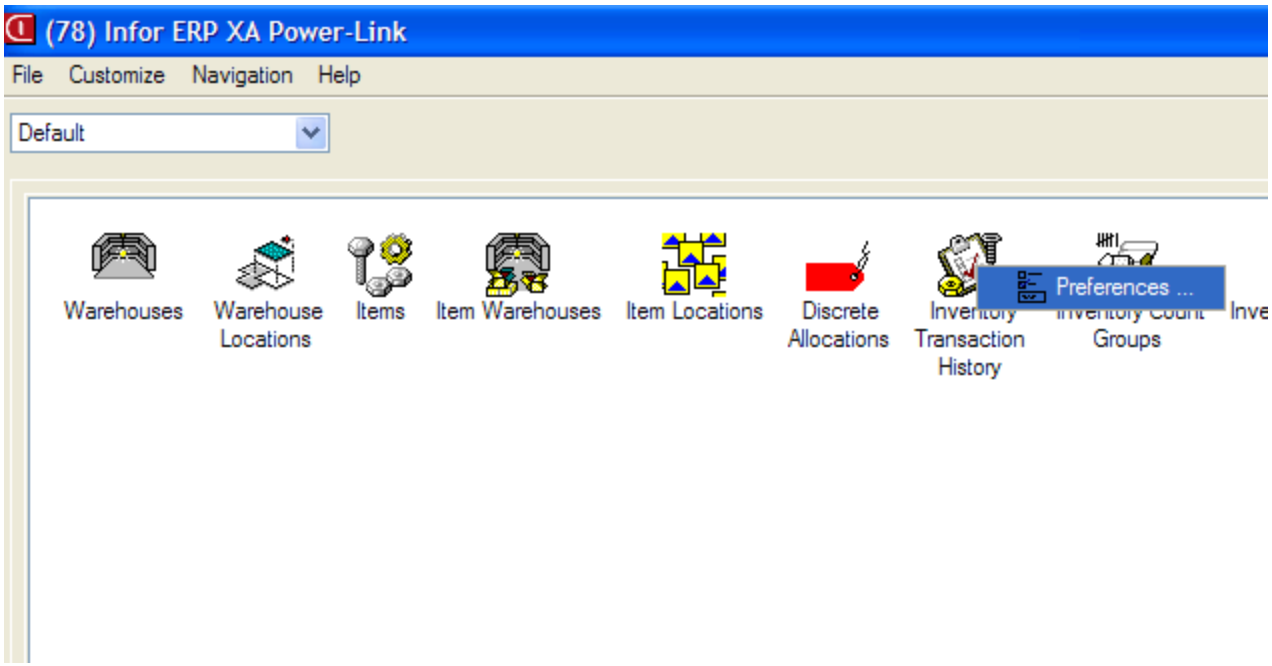
Introduction

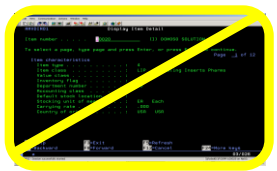
- This session will explore:
  - The relationships between Mapics files
  - Some of the records/files where the right click can be used to retrieve data
  - Maintenance functions available for the record
  - Customizing the column in the view
  - Records where the right click can be used to invoke PowerLink settings
  - Compare function between 2 records/orders

Application Cards

- Each object on an application card allows you to right click to set preferences
- Preferences include:
  - Default view and subset for a list
  - Default card file and active card
  - Default templates for create, change and copy
  - Files to broadcast
- Setting a default subset on large files (i.e. transaction history) will open the file quicker

Main Browser





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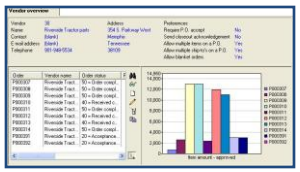
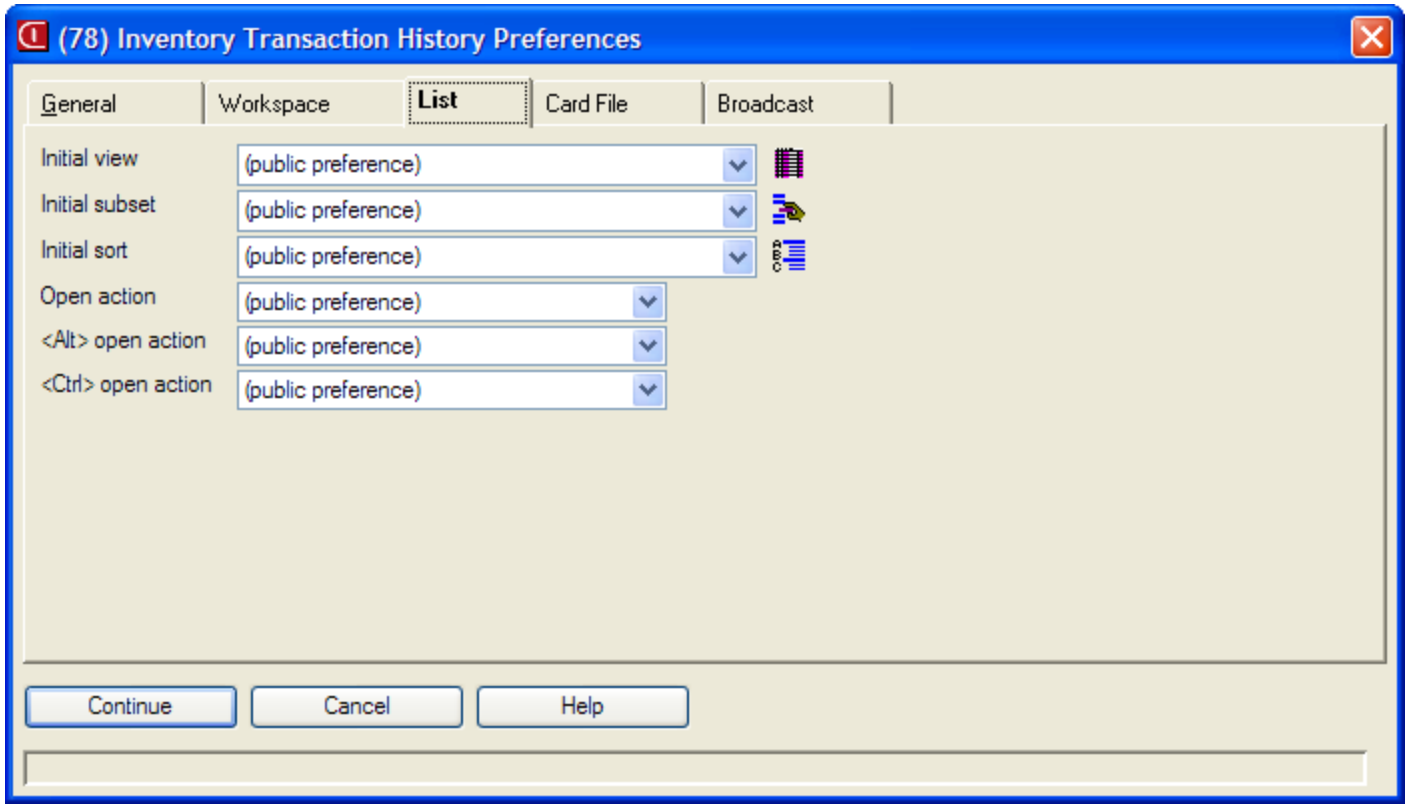


Main Browser



Mining for Data

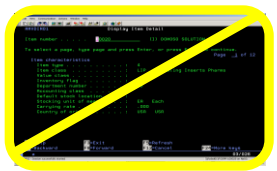
- Files where the right click/Display can be used:
  - Customers to display customer orders or CO history
  - Vendors to display PO's
  - Planners to display MRP recommendations
  - Item Warehouses to display locations, MO's, PO's and CO's
  - Item Revision to display bills of material and routings

Manufacturing Orders

M014010	3003	Drive, 6.4gb	A		
M014000	3003	Drive, 6.4gb	A		
M013990	3003	Drive, 6.4gb	A		
M013980	3002	Drive, 4.3gb	A		
M013970	3002	Drive, 4.3gb	A		
M013960	3002	Drive, 4.3gb	A		
M013950	3001	Drive, 3.2gb	A		
M013940	3001	Drive, 3.2gb	A		
M013930	3001	Drive, 3.2gb	A		
M013920	3000	Drive, 2.1gb	A		
M013910	3000	Drive, 2.1gb	A		
M013900	3000	Drive, 2.1gb	A		
M013890	2002	Monitor, 17" Vga	A		
M013880	2002	Monitor, 17" Vga	A		
M013870	2002	Monitor, 17" Vga	A		
M013860	2002	Monitor, 17" Vga	A		
M013850	2002	Monitor, 17" Vga	A		
M013840	2002	Monitor, 17" Vga	A		
M013830	2002	Monitor, 17" Vga	A		
M013820	2002	Monitor, 17" Vga	A		
M013810	2002	Monitor, 17" Vga	A		
M013800	2002	Monitor, 17" Vga	A		
M013790	2002	Monitor, 17" Vga	A		
M013780	2001	Monitor, 15" Vga	A		
M013770	2001	Monitor, 15" Vga	A		
M013760	2001	Monitor, 15" Vga	A		
M013750	2001	Monitor, 15" Vga	A		
M013740	2001	Monitor, 15" Vga	A		
M013730	2001	Monitor, 15" Vga	A		
M013720	2001	Monitor, 15" Vga	A		
M013710	2001	Monitor, 15" Vga	A		
M013700	2001	Monitor, 15" Vga	A		
M013690	2001	Monitor, 15" Vga	A		
M013680	2001	Monitor, 15" Vga	A		
M013670	2000	Monitor, 14" Vga	A		
M013660	2000	Monitor, 14" Vga	A		
M013650	2000	Monitor, 14" Vga	A		
M013640	2000	Monitor, 14" Vga	A		
M013630	2000	Monitor, 14" Vga	A	2	Released, no activity

Display
Maintain

- Manufacturing Order details
- Manufacturing Order Overview
- Attachments
- Maintenance History
- M.O. Components
- M.O. Operations
- M.O. Miscellaneous Charges
- Discrete Allocations
- Inventory Transaction History
- Sources of Demand
- Labor Activity Transactions
- Component M.O.s
- Splits
- Current Operation options
- Current Facility options
- Enterprise Item options
- Item Revision options
- Item Warehouse options
- Warehouse options
- Planner options
- C.O. Line Item options
- C.O. Line Item Release options
- Manufacturing Demand options
- Manufacturing Demand: Top-Level options



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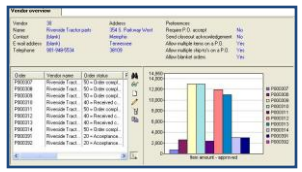


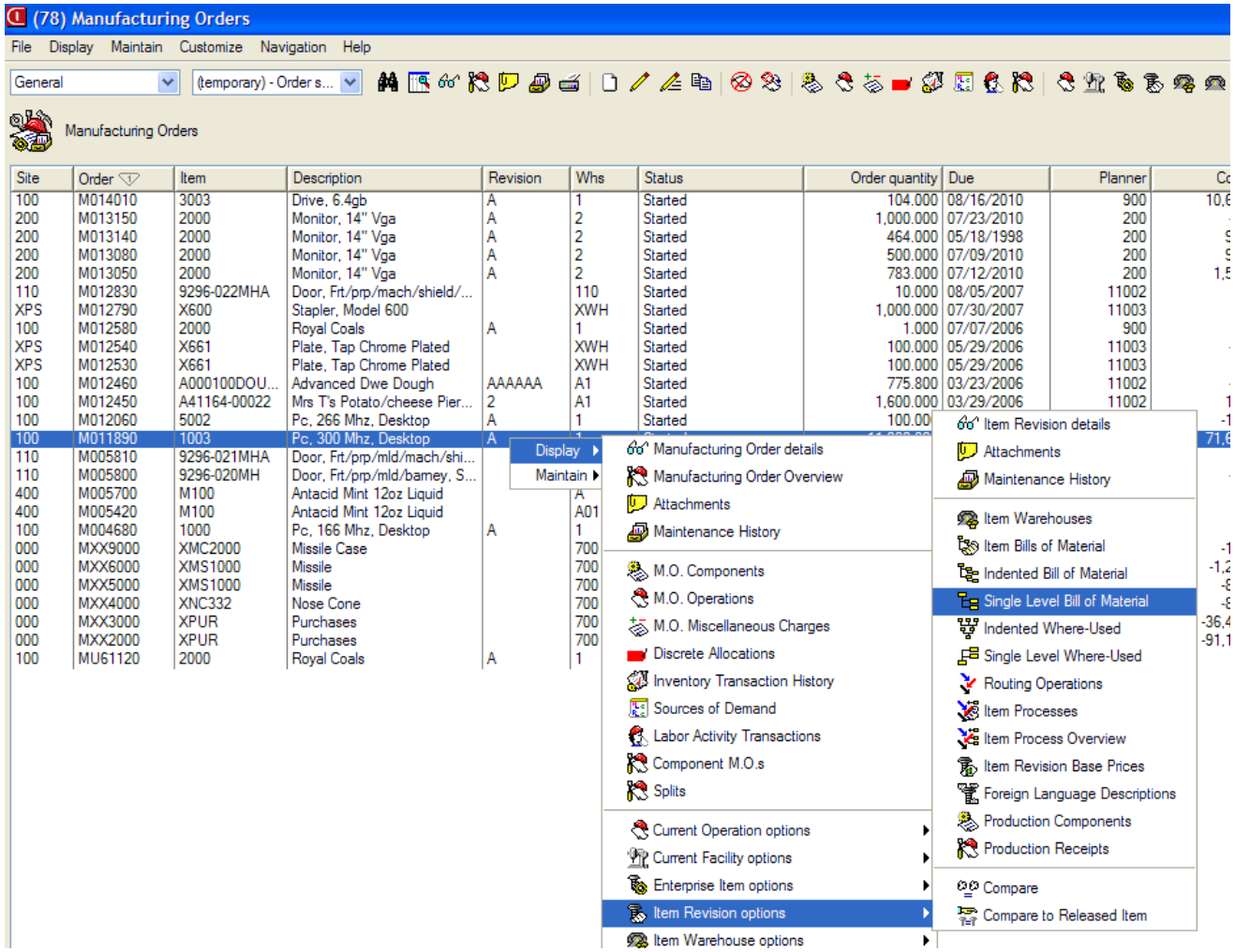
Manufacturing Orders

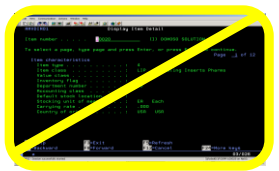
- ‘MO Details’ opens the card file for the MO
- MO Transaction History opens transaction history for just the transactions that are associated with the MO
- Component MO’s shows the manufacturing orders for sub-assemblies that are allocated to this MO

Associated Files

- Where you see an arrowhead to the right of a file name ( ) you can drag your mouse over the file then to the right to select information about that file
- You may or may not be able to use broadcast/receive to these associated files

Associated Files





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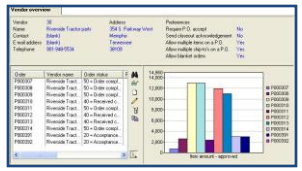
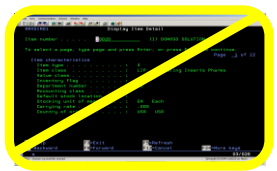


Planner

- Right click on a Planner Number/Display to see
  - Manufacturing Orders
  - Purchase Orders
  - MRP recommendations
  - Planner Item Warehouses
  - Transaction History

Vendor

- Right click on Vendor/Display to see:
  - Purchase Orders
  - Purchase Order History
  - Scheduled receipts
  - Vendor Item Records
  - MRP Recommendations



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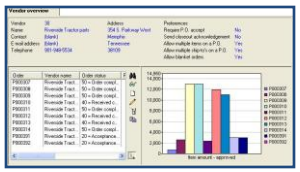


Production Facilities

- Right click on a Facility to see:
  - Routing operations
  - MO Operations
  - Repetitive Schedule operations

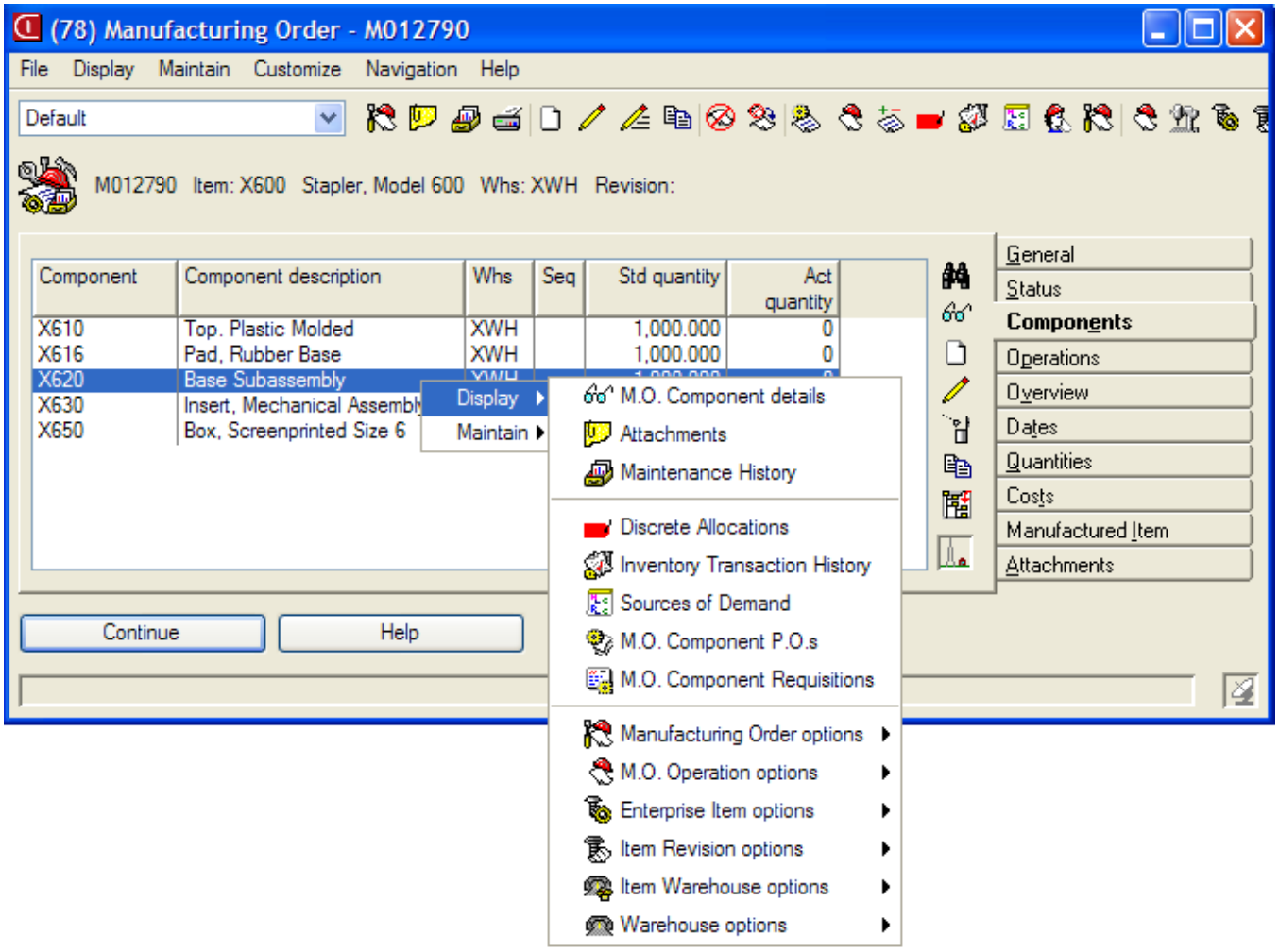
Item Revision

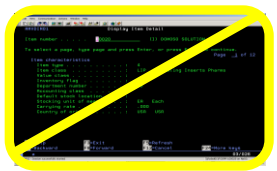
- Single level or indented BOM
- Single level or indented Where Used
- Routing operations
- Item Processes
- Item Warehouses

List Card Right Click

- When in a list card, you can right click on a record in the list to display or maintain information about the record
- List cards include:
  - Customer Order Items
  - Purchase Order Items
  - Manufacturing Order components
  - Manufacturing Order operations

Within a List Card





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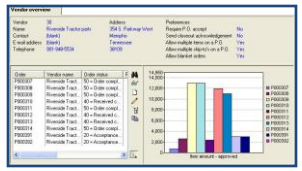
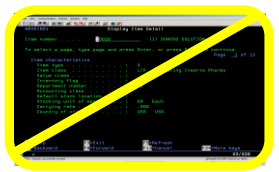


Questions?



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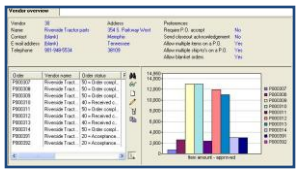

Format a List Column (view)

- Whether in a list from an object on the Main Browser or in a list card, you can right click at the column heading to format the view
  - Alias, value or both for pre-defined fields
  - Scheme criteria's to add color, bold, italics, etc.
  - Change the width of the column
  - Modify Quick Change options
  - Column statistics (total, count, average, etc.)
- Use ‘Customize’ ‘Column’ to bring up the card file

Format a Column in a View

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(78) Manufacturing Orders

File Display Maintain Customize Navigation Help

General (temporary) - Order s...

Manufacturing Orders

Site	Order	Item	Description	Revision	Whs	Status	Order quantity	Due	Planner	Cost
100	M014010	3003	Drive, 6.4gb	A	1	Started	104.000	08/16/2010	900	10,657
200	M013150	2000	Monitor, 14" Vga	A	2	Started	1,000.000	07/23/2010	200	-84
200	M013140	2000	Monitor, 14" Vga	A	2	Started	464.000	05/18/1998	200	948
200	M013080	2000	Monitor, 14" Vga	A	2	Started				984
200	M013050	2000	Monitor, 14" Vga	A	2	Started				1,566
110	M012830	9296-022MHA	Door, Frt/prp/mach/shield/...		110	Started				2
XPS	M012790	X600	Stapler, Model 600		XWH	Started				0
100	M012580	2000	Royal Coals	A	1	Started				2
XPS	M012540	X661	Plate, Tap Chrome Plated		XWH	Started				-43
XPS	M012530	X661	Plate, Tap Chrome Plated		XWH	Started				0
100	M012460	A000100DOU...	Advanced Dwe Dough	AAAAAA	A1	Started				-63
100	M012450	A41164-00022	Mrs T's Potato/cheese Pier...	2	A1	Started				116
100	M012060	5002	Pc, 266 Mhz, Desktop	A	1	Started				-119
100	M011890	1003	Pc, 300 Mhz, Desktop	A	1	Started				71,688
110	M005810	9296-021MHA	Door, Frt/prp/mld/mach/shi...		110	Started				0
110	M005800	9296-020MH	Door, Frt/prp/mld/barney, S...		110	Started				-18
400	M005700	M100	Antacid Mint 12oz Liquid		A	Started				0
400	M005420	M100	Antacid Mint 12oz Liquid		A01	Started				0
100	M004680	1000	Pc, 166 Mhz, Desktop	A	1	Started				0
000	MXX9000	XMC2000	Missile Case		700	Started				-150
000	MXX6000	XMS1000	Missile		700	Started				-1,200
000	MXX5000	XMS1000	Missile		700	Started				-891
000	MXX4000	XNC332	Nose Cone		700	Started				-800
000	MXX3000	XPUR	Purchases		700	Started				-36,480
000	MXX2000	XPUR	Purchases		700	Started				-91,108
100	MU61120	2000	Royal Coals	A	1	Started				0

(78) View definition

Order status

Character (2A)

Column heading

Status

Display value in mixed case

Content: Alias

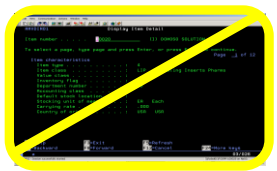
Initial presentation width: 21

Column statistics: (none)

Scheme: (Same as view)

Presentation | Quick change

Save Apply Cancel Help



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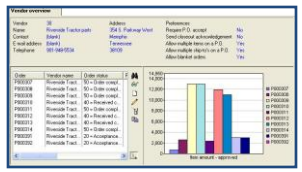


Create a Temporary Subset

- Right click on a Column Heading
- Select ‘Customize’ then ‘Subset Criteria’
- Using this feature allows you to create a temporary subset for a single selection field:
  - Item
  - Order
  - Status
  - Vendor
  - Customer

Create a Temporary Subset

(78) Manufacturing Orders

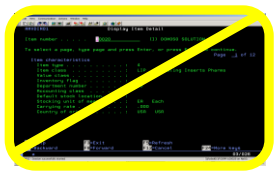
File Display Maintain Customize Navigation Help

General (temporary) - Order s...

Manufacturing Orders

Site	Order	Item	Description	Revision	Whs	Status		Plan
100	M014010	3003	Drive, 6.4gb	A	1	Started		
200	M013150	2000	Monitor, 14" Vga	A	2	Started		
200	M013140	2000	Monitor, 14" Vga	A	2	Started		
200	M013080	2000	Monitor, 14" Vga	A	2	Started	500.000	07/09/2010
200	M013050	2000	Monitor, 14" Vga	A	2	Started	783.000	07/12/2010
110	M012830	9296-022MHA	Door, Frt/prp/mach/shield/...		110	Started	10.000	08/05/2007
XPS	M012790	X600	Stapler, Model 600		XWH	Started	1,000.000	07/30/2007
100	M012580	2000	Royal Coals	A	1	Started	1.000	07/07/2006
XPS	M012540	X661	Plate, Tap Chrome Plated		XWH	Started	100.000	05/29/2006
XPS	M012530	X661	Plate, Tap Chrome Plated		XWH	Started	100.000	05/29/2006
100	M012460	A000100DOU...	Advanced Dwe Dough	AAAAAA	A1	Started	775.800	03/23/2006
100	M012450	A41164-00022	Mrs T's Potato/cheese Pier...	2	A1	Started	1,600.000	03/29/2006

Customize ▸ Column ...
Statistics Subset criteria ...



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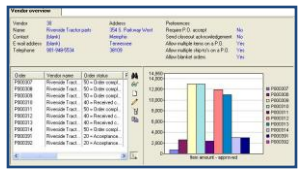
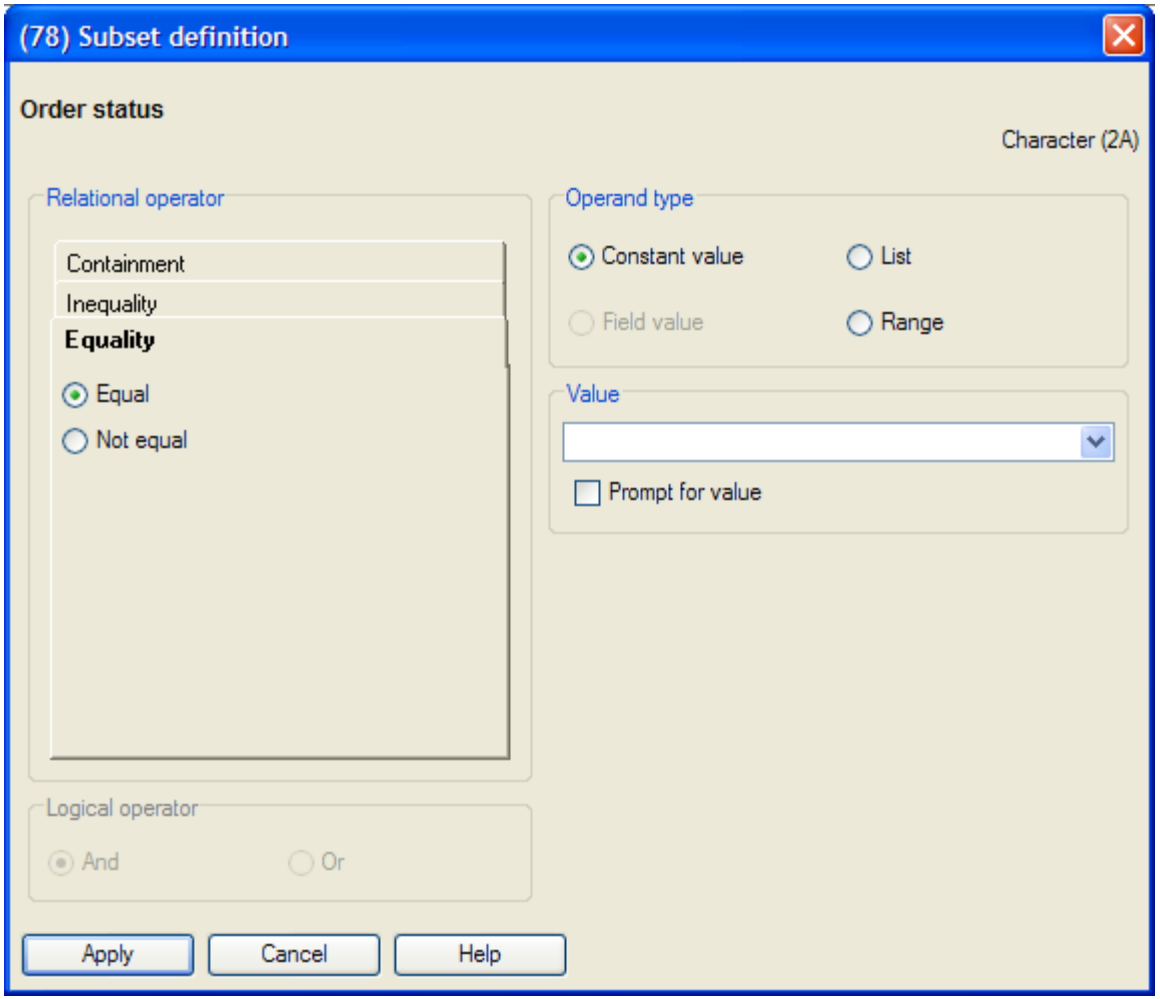
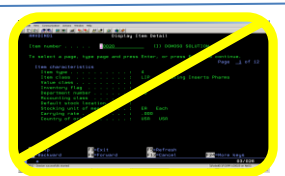


Create a Temporary Subset

- All subset options are available for the field
  - Equality
  - Inequality
  - Containment
  - Lists
  - Range

Create a Temporary Subset





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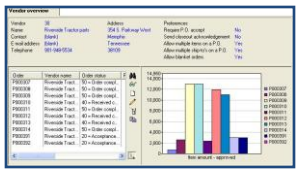
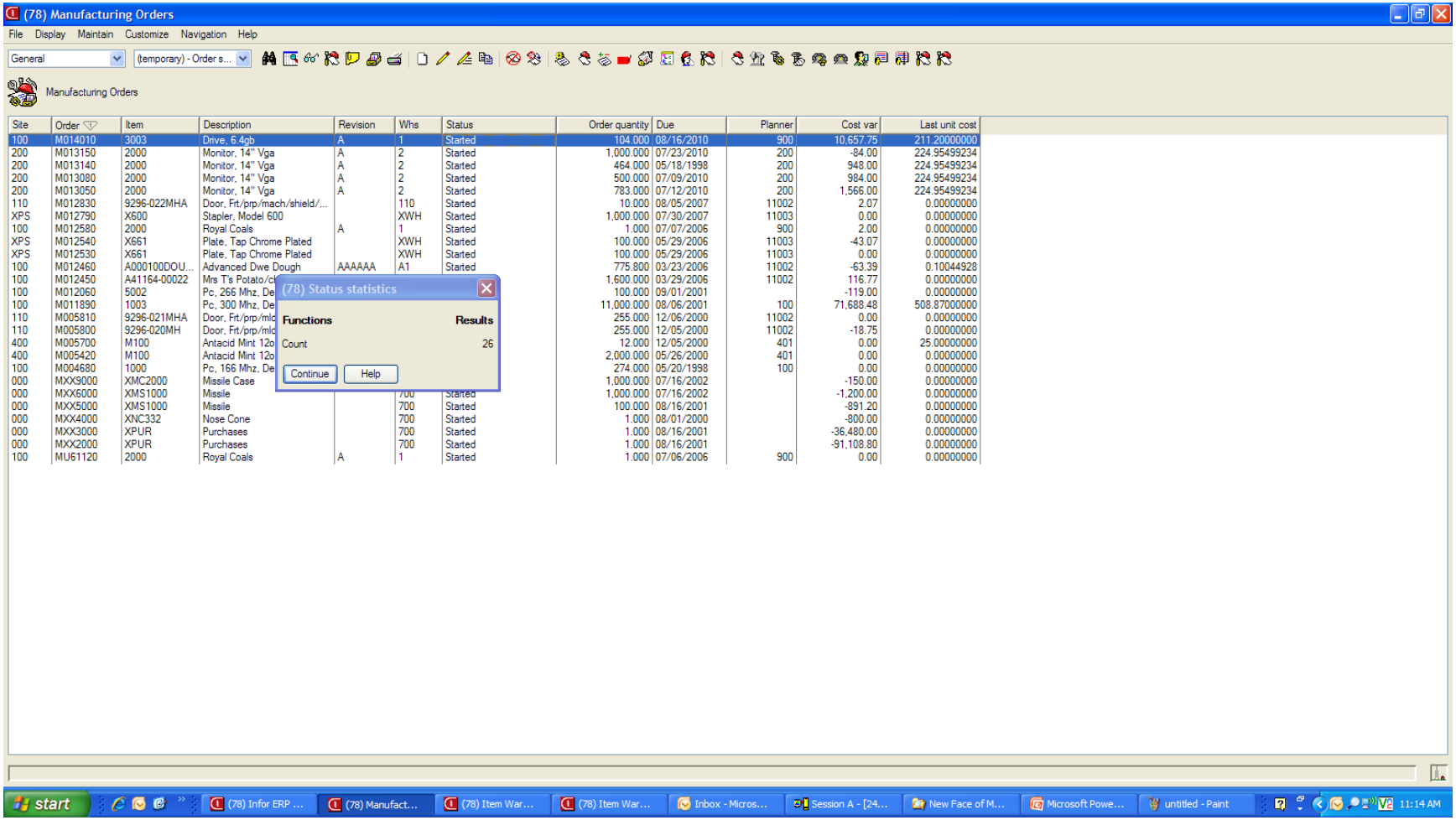
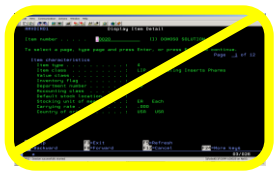


Statistics

- Right click on any column heading and choose ‘Statistics’:
  - Record Count
    - no more copying to Excel to see number of records
    - Available on any column
  - *Total
  - *Average
  - *Minimum
  - *Maximum
  - *Only available on numeric columns

Column Statistics





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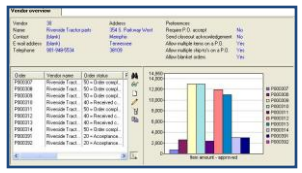
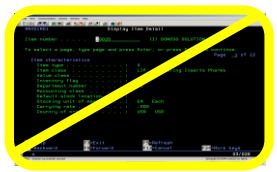


Questions?



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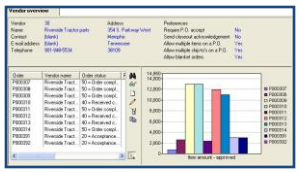
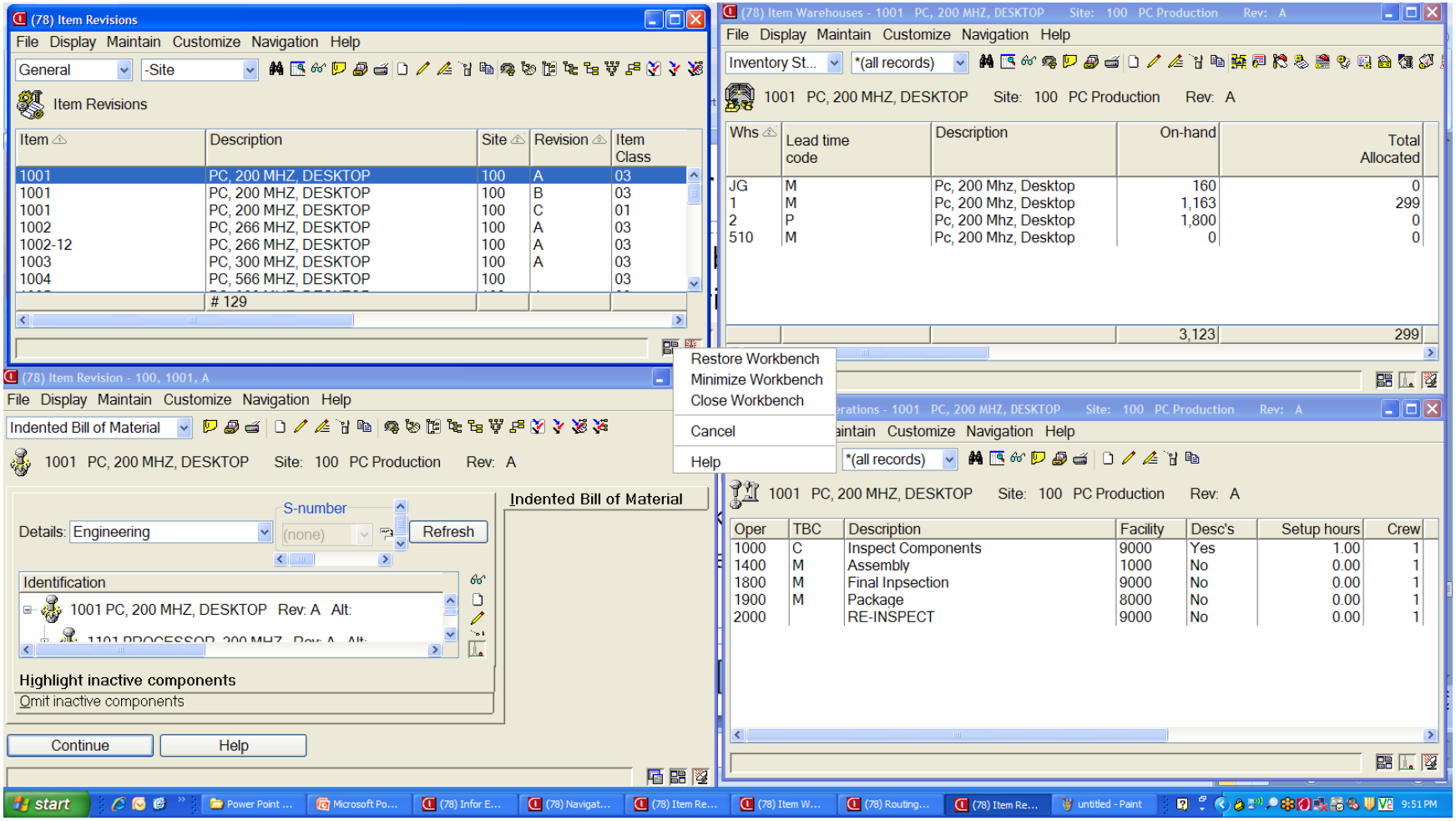
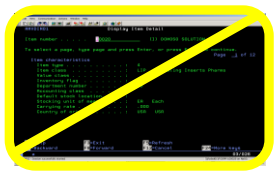


Workbenches

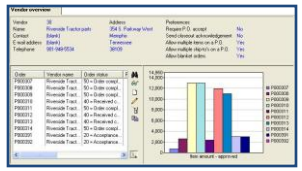
- When a workbench is saved, there is an icon in the lower right corner that displays 4 windows
- Right clicking on that symbol will display a menu to:
  - Minimize Workbench
  - Restore Workbench
  - Close Workbench
- This makes it easy to remove the workbench windows from the desktop or restore them when needed

Workbenches





The New Face of MAPICS



Compare

CISTECH
The MAPICS Experts

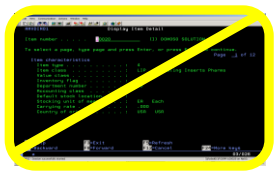
(78) Item Warehouse Comparison: 1, 1001 / 1, 1002

Display Maintain Help

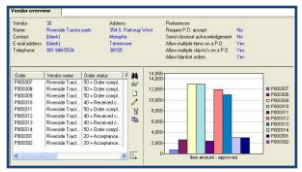
Base: 1001 Pc, 200 Mhz, Desktop 1 Hi-tech Company - Main Whse

Variant: 1002 Pc, 266 Mhz, Desktop 1 Hi-tech Company - Main Whse

Attribute	Base	Variant	Difference
Activity since last plan - planning (calculated)	-62.000	-69.000	-7.000
Available inventory - planning (calculated)	1,162.000	1,173.000	11.000
Average ending inventory	1,115.18	691.32	-423.86
Average ending inventory - planning (calculated)	1,115.18	691.32	-423.86
Average sales per period	751.45	865.32	113.87
Average turnover	8.086	15.020	6.933
Average unit cost	818.31543894	1,370.22400000	551.90856105
Beginning inventory	1,160.000	71.000	-1,089.000
Beginning inventory - planning (calculated)	1,160.000	71.000	-1,089.000
Carry forward option		1	
Current purchase price (local currency) (calculated)	515.570	508.870	-6.700
Date of last issue	02/10/2010		
Estimate annual usage	9,017.270	10,383.670	1,366.399
Item class	Hardware	End Item, PC	
Last count date	09/13/2000	02/10/2010	
Last maintained date	02/10/2010		
Last maintained date - planning (calculated)	02/10/2010		
Last unit cost	0.00000000	1,555.04409214	1,555.04409214
Lead time average manufacturing	3.9	0.1	-3.8
Multi-source code	(none)	0	
Profit amount this period	-40,328.41	-14,015.87	26,312.54
Profit amount this year	8,387,467.53	16,137,609.15	7,750,141.62
Profit percentage this period	-195.966	-18.248	177.718
Profit percentage this year	67.278	68.043	0.765
Quantity allocated (customer orders)	299.000	381.000	82.000
Quantity allocated (customer orders) - planning (calculated)	299.000	381.000	82.000
Quantity on-hand	1,100.000	1,104.000	4.000
Quantity on-hand - planning (calculated)	1,100.000	1,104.000	4.000
Quantity on-order (production)	6,576.000	7,588.000	1,012.000
Quantity on-order (purchase)	3.000	0.000	-3.000
Quantity received this period	0.000	1,100.000	1,100.000
Quantity sold since last plan - planning (calculated)	62	69	7
Quantity sold this period	60.000	67.000	7.000
Quantity sold this year	3,666.000	4,412.000	746.000
Quantity used this period	60.000	67.000	7.000
Quantity used this year	3,666.000	4,412.000	746.000



The New Face of MAPICS

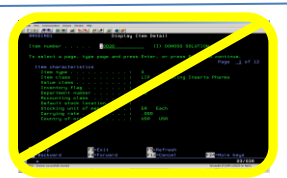


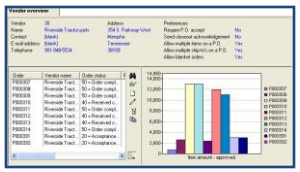
Summary

- Use the right click throughout PowerLink to:
  - Display information
  - Maintain records
  - Set preferences
  - Compare records
  - Customize a column
  - Create a temporary view

Summary

- Save time by right clicking instead of exiting the file and opening another object
- Drill down to associated information quickly
- Improve efficiency/save time





Thank You for Attending!

- Questions?