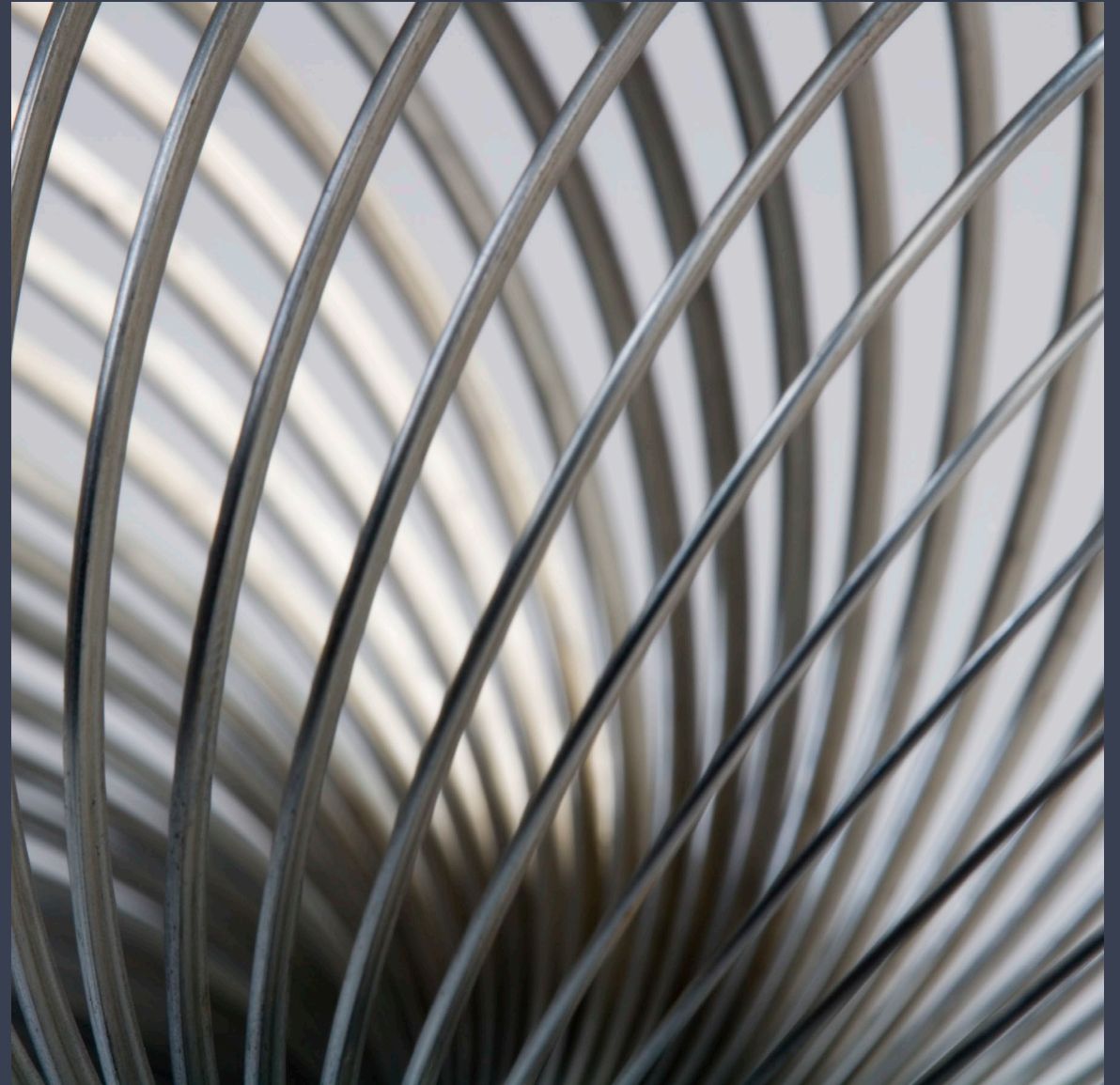


NUGM 2024

COSTING

Joanne Eckenrode, NovoROI Systems LLC



# COSTING AGENDA

---

- Elements of Cost
- Cost Sets
- Constants Affecting Costing
- Purchase Costing
- Manufacturing/Transfer Costing
- COST.ROLLUP
- COST.WB
- MOVE.COST.SETS



# COST ELEMENTS

---

- **Material** - The direct cost of obtaining material
  - Material cost is the cost of materials used to manufacture a product
  - It excludes indirect material costs (such as cleaning supplies)
- **Labor** - The labor dollars tied to manufacturing a part
  - Calculated labor cost is the cost of labor throughout the routing of a part, based on standard work center costs for each sequence of a part.
- **Burden** - The Fixed Overhead cost related to labor
- **Outplant** - The costs related to outplant transactions tied to the manufacturing process
- **Freight** – Incoming material costs tied to freight delivery
- **Material Burden** – The cost tied to the storage of your materials
- **Variable Burden** – Burden costs that vary by material



# ELEMENTS OF COST

- Incremental Cost in M2K
- Cost occurs at that level
  - Purchased Parts
    - Material
    - Material Burden
    - Freight
    - Variable Burden
  - Manufactured/Transfer Parts
    - Labor
    - Burden
    - Outplant
    - Variable Burden

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Attachments Tools MSO Help

Maintain Item Master Incremental Costs "CHG" Mode

Item 205101 Rev [ ] Type CM Commercial U/M EA Bin [ ] Pol [ ]

Cable, Video

Video cable

Phantom [ ] LT P/1 Day Status Engr: C - Acctg: A Freight [ ]

Currency [ ] Exch.Rt [ ] Vend [ ]

15 Std.Dt 02-29-24 16 Alt.Burden.Pct [ ] 17 CR Code [ ]

Incrmntl	18 Standard	19 Current	20 Last Actual	21 Ave Actual	22 Simulation	Acct Value
Matl 1	5.408	5.408	4.750	5.124	5.408	5.408
Labor 2						
Burden 3						
Outplt 4						
Frght 5						
Matl B 6						
Vari B 7						
Frght Status	24 [ ]	25 [ ]	26 [ ]	27 [ ]	28 [ ]	
Cost Lvl	5.408	5.408	4.750	5.124	5.408	5.408
Roll Cost	0.000	0.000	0.000	0.000	0.000	0.000
Tot Cost	5.408	5.408	4.750	5.124	5.408	5.408
Cost Flag						

Change Which Field, END, TOP, \P |.....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# ELEMENTS OF COST

- Rolled Costs – The sum of all incremental costs at lower levels of the bill
  - excluding the current level
  - also excluding costs tied to any materials structured to a purchased part
  - and any bill relationships with PS type 3 or 4
- Lots of nuance here...

MLB 20:35 CDT Sat May 11 2024 Epicor Software Corporation Sys M2K81NEXUS Acct roiJME.MAIN  
Multi-Level Manufacturing Bills of Material - Extended Incremental Current Costs -  
For Part Number: 100101 System Pentium 900MHz 17" - Effective as of 05-11-2024

Level	Item Number	Description	Qty/Assy	Trap	UM	Material Cost	Labor Costs	Burden Costs	Outplant Costs	Total Costs	Inv Type	Scrap Pct	Scrap Mass %	Shrink Pct	Make Purch	Phant Code	Bin Pol	PS Type	Rev Lvl	Long Part Num
4.....	290101	Steel, Sheet, 18 Gauge	3.431		SF	0.247	0.000	0.000	0.000	0.247	RM				P					
3.....	325101	Paint, Almond	0.750		OZ	0.194	0.000	0.000	0.000	0.194	CM				P			2		
1.....	340101	Kit 8 GB Disk Drive	1.000		EA	0.000	0.062	0.124	0.000	0.186	SA				M				AM	
2.....	203101	Cable, Disk Drive	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P					
2.....	218101	Manual, Installation	1.000		EA	3.624	0.000	0.000	0.000	3.624	CM				P					
2.....	270101	Controller, Disk, IDE	1.000		EA	10.035	0.000	0.000	0.000	10.035	CM				P					
2.....	281101	Disk Drive IDE 8.0 GB	1.000		EA	209.610	0.000	0.000	0.000	209.610	CM				P					
1.....	341101	Kit 30 GB SCSI Disk Drive	1.000		EA	0.000	0.062	0.124	0.000	0.186	SA				M				0	
2.....	203101	Cable, Disk Drive	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P					
2.....	208101	Controller SCSI II	1.000		EA	24.529	0.000	0.000	0.000	24.529	CM				P					
2.....	218101	Manual, Installation	1.000		EA	3.624	0.000	0.000	0.000	3.624	CM				P					
2.....	283101	Disk Drive SCSI 30.0 GB	1.000		EA	650.015	0.000	0.000	0.000	650.015	CM				P					
1.....	342101	Kit, Floppy, 3.5	1.000		EA	0.000	0.062	0.124	0.000	0.186	SA				M				AM	
2.....	207101	Cable, floppy drive	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P					
2.....	209101	Controller, Floppy	1.000		EA	31.219	0.000	0.000	0.000	31.219	CM				P					
2.....	218101	Manual, Installation	1.000		EA	3.624	0.000	0.000	0.000	3.624	CM				P					
2.....	255101	Floppy drive, 3.5	1.000		EA	33.448	0.000	0.000	0.000	33.448	CM				P					
2.....	256101	320 MB Zip Drive	0.000		EA	0.000	0.000	0.000	0.000	0.000	CM				P					
1.....	344101	Kit, Monitor, 17inch	1.000		EA	0.000	0.062	0.124	0.000	0.186	SA				M				0	
2.....	205101	Cable, Video	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P					
2.....	246101	Video Card 32 Bit 4Mb	1.000		EA	49.058	0.000	0.000	0.000	49.058	CM				P					
2.....	261101	Monitor, 17in SVGA	1.000		EA	195.116	0.000	0.000	0.000	195.116	CM				P					
1.....	345101	Kit, Monitor, 15in	1.000		EA	0.000	0.062	0.124	0.000	0.186	SA				M	P			AM	
2.....	205101	Cable, Video	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P					
2.....	246101	Video Card 32 Bit 4Mb	1.000		EA	49.058	0.000	0.000	0.000	49.058	CM				P					
2.....	260101	Monitor, 15in SVGA	1.000		EA	319.991	0.000	0.000	0.000	319.991	CM				P					
1.....	801101	MS Windows ME	1.000		EA	97.938	0.000	0.000	0.000	97.938	CM				P					
		Total of Incremental and Component Costs				2,922.856	95.487	48.870	0.773	3,067.986										
		Less Items with PS Type greater than 1				0.194	0.000	0.000	0.000	0.194										
		Net Incremental and Component Costs				2,922.662	95.487	48.870	0.773	3,067.792										
		Cost according to Parent Item Record				1,734.998	92.552	47.273	0.750	1,875.573										
		Last Cost Rollup for Acctg Value 03-15-24																		
		Costs, COST_ROLLUP should be run on this item																		
		Cost Summary by General Ledger Account:																		
		01-0150-0001 - Inventory Raw Material				0.247	0.000	0.000	0.000	0.247										
		01-0150-0002 - Inventory Purchased Parts				499.502	0.000	0.000	0.000	499.502										
		01-0150-0003 - Inventory Subassemblies				0.000	0.310	0.620	0.000	0.930										
		01-0150-0004 - Inventory Finished Goods				0.000	1.660	3.720	0.000	5.380										
		01-0150-0006 - Fabricated Material				0.000	15.052	6.475	0.773	22.300										
		01-0153 - Inventory not Specified				2,422.913	78.465	38.055	0.000	2,539.433										
		-- G/L Account Totals --				2,922.662	95.487	48.870	0.773	3,067.792										
		Net Cost due to PS Type greater than "1"																		
		325101																		



# COST SETS

- Six Cost Sets for Use
- Accounting Value – The cost on your books
- Current Cost – Often used for historical cost from previous year
- Standard Cost – Often used for historical cost from previous year or two years ago
- Simulation Cost – calc for future
- Last Actual – Last receipt cost
- Average Actual – average of N receipts

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Attachments Tools MSO Help

Maintain Item Master Incremental Costs "CHG" Mode

Item 205101 Rev  Type CM Commercial U/M EA Bin  Pol

Cable, Video  
Video cable

Phantom  LT  P/1 Day Status Engr: C - Acctg: A Freight

Currency  Exch.Rt  Vend

15 Std.Dt 02-29-24 16 Alt.Burden.Pct  17 CR Code

Incrrntl	18 Standard	19 Current	20 Last Actual	21 Ave Actual	22 Simulation	Acct Value
Matl 1	5.408	5.408	4.750	5.124	5.408	5.408
Labor 2						
Burden 3						
Outplt 4						
Frght 5						
Matl B 6						
Vari B 7						
Frght Status	24 <input type="checkbox"/>	25 <input type="checkbox"/>	26 <input type="checkbox"/>	27 <input type="checkbox"/>	28 <input type="checkbox"/>	
Cost Lvl	5.408	5.408	4.750	5.124	5.408	5.408
Roll Cost	0.000	0.000	0.000	0.000	0.000	0.000
Tot Cost	5.408	5.408	4.750	5.124	5.408	5.408
Cost Flag						

Change Which Field, END, TOP, \P |.....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# COST.CONSTANTS

The screenshot shows a terminal window titled "localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc." with a menu bar containing "File", "Edit", "Commands", "Scripts", "Tools", "ProcessOpts", and "Help". The main content area displays "COST.CONSTANTS - Maintain Inventory Costing Constants" in the top left and "'CHG' Mode" in the top right. Two menu items are listed in red text: "1 Maintain General Inventory Costing Constants" and "2 Maintain Purchasing/AP Costing Constants". At the bottom of the main area, the prompt "Enter Sub Section to Process, TOP, END |..." is visible. The status bar at the bottom left shows icons for checkmark, X, and asterisk, followed by the text "User roi:JME.MAIN, PID 0010 on localhost". The status bar at the bottom right shows a mouse cursor icon, "0 Ins", and a mouse icon.



# COST.CONSTANTS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools ProcessOpts Help

Maintain General Inventory Costing Constants "CHG" Mode

01	CHG.VALUE Updates Average Actual Cost	<input type="text" value="N"/>
02	Maintain Acctng Value 'Trace' Records	<input type="text" value="N"/>
03	Use Labor Rate Codes	<input type="text" value="N"/>
04	Account For Cust Owned Matl In Depot	<input type="text"/>
05	Expense Report Mileage Rate	<input type="text"/>
06	*Create Separate GLT For Each IT	<input type="text" value="Y"/>
07	*WIP Variance Transfer Option	<input type="text" value="N"/>
08	*In-Transit Costing Option	<input type="text"/>
09	*Revalue SCON When IM Acctg Val Changes	<input type="text"/>
10	*Bin Item Costing Policy	<input type="text" value="1"/>
11	*Bin Item Usage At PROD.RECEIPTS	<input type="text"/>
12	*Use Inventory Asset Accounts Codes	<input type="text" value="N"/>
13	*Default Inventory Account Code	<input type="text"/>
14	*Obsolete Inventory Account Code	<input type="text"/>

Change Which Field, END, TOP, \P .....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins





# COST.CONSTANTS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools ProcessOpts Help

Maintain Purchasing/AP Cost Constants "CHG" Mode

01 AP Invoicing Updates Last Actual Cost	<input type="text"/>
02 Last/Average Actual Cost Removal Option	<input type="text" value="R"/>
03 Charge Material Cost As Outplant Cost	<input type="text" value="N"/>
04 *Purchase Part Costing Type	<input type="text" value="STD"/>
05 *Include SCON In Weighted Average Calc	<input type="text"/>
06 *PO Receipts Cost Transfer Option	<input type="text" value="ACT"/>
07 *Average Prior Zero Cost Items	<input type="text" value="N"/>
08 *Accounts Payable Clearing Option	<input type="text" value="P"/>
09 *Purch Consignments Inv Valuation Option	<input type="text" value="Z"/>
10 *PO Receipts Recalculate Freight Costs	<input type="text"/>

Change Which Field, END, TOP, \P .....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# WOC.CONSTANTS AVERAGING AND 'ACTUAL COSTING'

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Options Help

WOC.CONSTANTS.1 - Average and Actual Costing Options "CHG" Mode

-- Average Costing Options --	
01 Years of WO History	3
02 WO Cost Type for Average	A
03 Number of Work Orders	3
04 WO Throw Away Option	
05 Average Calc Cutoff Days	365
06 Always Average	Y
07 *Average Cost at WO.CLOSE	Y

Entries 1

08 *Update Cost Sets	4		
----------------------	---	--	--

< >

09 Excluded Inventory Types	
.01)	
.02)	
.03)	
.04)	

Entries 0

-- Item Master Cost Sets --	
1 = Accounting Value	
2 = Current	
3 = Last Actual	
4 = Average Actual	
5 = Standard	
6 = Simulation	

-- Actual Costing Options --	
10 *Update Selected Cost Sets	
11 *Offset Accounts to Use	

Entries 0

12 *Update Cost Sets			
----------------------	--	--	--

< >

5 Number of days to determine cutoff for average calc eligibility 365

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# CR.CONSTANTS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Help

CR.CONSTANTS Set COST.ROLLUP Run Options "CHG" Mode

01	Mach/Labor Times Required in Routing Cost Calcs	N
02	Include Setup Costs in Routing Cost Calculations	Y
03	COST.ROLLUP is to Wait for Locked Records	Y
04	Incremental Outplant Costs Maintained Manually	N
05	Roll Labor into Outplant if Seq is Subcontracted	Y
06	Manufactured Items Require Labor or Outplant Cost	Y
07	Routing Yield Used in Incremental Calculations	N
08	Phantom Component Incremental Cost Roll Option	R
09	Default Work Center Costing Efficiency Percent	1.000
10	Update Incremental Cost if Rolled Cost Incomplete	Y
11	Update Rolled Cost if Incremental Cost Incomplete	
12	Cost Set for QTY.PRICE.QUOTES Costs	1
13	Cost Sets for ITEMS.VENDOR/ITEMS.PUR Cost Update	
14	Errors Messages to Suppress	

15 \*Routing Costs Authorized Logons

	^
	v

Entries 0

-- Custom Option NOT Supported in Std Software --

16 \*Decimal Place in % Lbr Burden Fields

Change Which Field, END, TOP, \P |.....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# PURCHASE COSTING

- With STD Costing – cost is maintained manually
- With AVE Costing – cost is averaged over the on hand
- Covered in PUR.PRICING session since costing and pricing have much overlap for purchased parts

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Attachments Tools MSO Help

Maintain Item Master Incremental Costs "CHG" Mode

Item 205|01 Rev  Type CM Commercial U/M EA Bin  Pol

Cable, Video  
Video cable

Phantom  LT  P/1 Day Status Engr: C - Acctg: A Freight

Currency  Exch.Rt  Vend

15 Std.Dt 02-29-24 16 Alt.Burden.Pct  17 CR Code

Incmntl	18 Standard	19 Current	20 Last Actual	21 Ave Actual	22 Simulation	Acct Value
Matl 1	5.408	5.408	4.750	5.124	5.408	5.408
Labor 2						
Burden 3						
Outplt 4						
Frght 5						
Matl B 6						
Vari B 7						
Frght Status	24 <input type="checkbox"/>	25 <input type="checkbox"/>	26 <input type="checkbox"/>	27 <input type="checkbox"/>	28 <input type="checkbox"/>	<input type="checkbox"/>
Cost Lvl	5.408	5.408	4.750	5.124	5.408	5.408
Roll Cost	0.000	0.000	0.000	0.000	0.000	0.000
Tot Cost	5.408	5.408	4.750	5.124	5.408	5.408
Cost Flag						

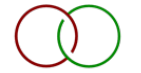
Change Which Field, END, TOP, \P |.....

✓ ✗ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# MANUFACTURE/TRANSFER COSTING

Level	Item Number	Description	Qty/Assy	Trap	UM	Material Cost	Labor Costs	Burden Costs	Outplant Costs	Total Costs	Inv Type	Scrap Prct	Scrap Mass %	Shrink Prct	Make Purch	Phant Code	Bin Pol	PS Type	Rev Lvl	Long Part Number		
0	100101	System Pentium 900MHz 17"			EA	0.000	4.072	7.730	0.000	11.802	FA			0.030	M					FM		
1	201101	Processor Pentium 700 MHz	1.000		EA	52.784	0.000	0.000	0.000	52.784	CM				P							
1	210101	RAM, Simm, 64 MB	3.000		EA	77.320	0.000	0.000	0.000	77.320	CM				P							
1	216101	Power Supply, 400 W	0.000		EA	0.000	0.000	0.000	0.000	0.000	CM				P							
1	217101	Power Supply, 500 W	1.000		EA	39.024	0.000	0.000	0.000	39.024	CM				P							
1	220101	Keyboard 104 Standard	1.000		EA	16.725	0.000	0.000	0.000	16.725	CM				P							
1	240101	Mouse, Two-button	1.000		EA	7.805	0.000	0.000	0.000	7.805	CM				P							
1	251101	Cable, Power	1.000		EA	5.575	0.000	0.000	0.000	5.575	CM				P							
1	310101	Kit, CD-ROM	1.000		EA	155.199	0.062	0.124	0.000	155.385	SA				M	P				AM		
1	316101	Case, Full Size Chassis	1.000		EA	4.738	21.464	9.052	0.773	36.027	SA				M					AM		
1	340101	Kit 8 GB Disk Drive	1.000		EA	228.844	0.062	0.124	0.000	229.030	SA				M					AM		
1	341101	Kit 30 GB SCSI Disk Drive	1.000		EA	394.553	0.062	0.124	0.000	394.739	SA				M					0		
1	342101	Kit, Floppy, 3.5	1.000		EA	73.866	0.062	0.124	0.000	74.052	SA				M					AM		
1	344101	Kit, Monitor, 17inch	1.000		EA	362.880	0.062	0.124	0.000	363.066	SA				M					0		
1	345101	Kit, Monitor, 15in	1.000		EA	285.561	0.062	0.124	0.000	285.747	SA				M	P				AM		
1	801101	MS Windows ME	1.000		EA	97.938	0.000	0.000	0.000	97.938	CM				P							
		Total of Incremental and Component Costs				1,802.812	25.908	17.526	0.773	1,847.019												
		Net Incremental and Component Costs				1,802.812	25.908	17.526	0.773	1,847.019												
		Cost according to Parent Item Record				916.091	25.784	17.278	0.773	959.926												
		Last Cost Rollup for Acctg Value 03-15-24																				
		Cost Summary by General Ledger Account:																				
		01-0150-0002 - Inventory Purchased Parts				69.129	0.000	0.000	0.000	69.129												
		01-0150-0003 - Inventory Subassemblies				1,345.704	0.310	0.620	0.000	1,346.634												
		01-0150-0004 - Inventory Finished Goods				0.000	4.072	7.730	0.000	11.802												
		01-0150-0006 - Fabricated Material				159.937	21.526	9.176	0.773	191.412												
		01-0153 - Inventory not Specified				228.042	0.000	0.000	0.000	228.042												
		-- G/L Account Totals --				1,802.812	25.908	17.526	0.773	1,847.019												



# COST.ROLLUP

- Computes item unit costs based on the bill of material
  - It computes current level costs of labor and burden, the sum of all lower costs, or all
- Roll Routing/Bill
- Single/Multi level
- Cost Set
- Incomplete Flag
- Audit report for errors

The screenshot shows the 'COST.ROLLUP - Select Options for Rolling Item Costs' window. It features a menu bar (File, Edit, Commands, Scripts, Tools, Options, Help) and a main area with several sections:

- 01 Items to Roll**: A table with 6 rows (labeled .01) and 1 column (labeled Entries).
- 02 Bypass Engr Statuses**: A table with 2 rows (labeled .01, .02) and 1 column (labeled Entries).
- 03 Divisions to Roll**: A table with 2 rows (labeled .01, .02) and 1 column (labeled Entries).
- 04 Facilities to Roll**: A table with 2 rows (labeled .01, .02) and 1 column (labeled Entries).
- Cost Sets ---**: A list of 6 options: 1- Accounting Value, 2- Current Value, 3- Last Actual Value, 4- Average Actual Value, 5- Standard Value, 6- Simulation Value.
- 05 Roll Routing/Bill**: A checkbox.
- 06 Single/Multiple Level**: A checkbox.
- 07 Effectivity Type**: A checkbox.
- 08 BOM.Effectivity.Date**: A date field.
- 09 Cost Sets to Roll**: A checkbox.
- 10 Cost Set to Audit**: A checkbox.
- 11 Save Process Work File**: A checkbox.
- 12 Update if Incomplete**: A checkbox.
- 13 Status Bypass Type**: A checkbox.
- 14 Send Report To Printer**: A checkbox.

At the bottom, there is a text field: '1.1 Item number to roll, or ALL for all eligible items |.....' and a 'Required Data' label. The status bar at the very bottom shows 'User roi:JME.MAIN, PID 0010 on localhost' and '0 Ins'.



# WORK.CENTERS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Attachments Tools ProcessOpts Help

WORK.CENTERS.2 - Maintain Accounting Value Cost Factors "CHG" Mode

Work Center	Name	Description
200	Sub Asy	Subassembly

Costing Parameters		Direct Labor Rates	
04 Efficiency %	1.000	06 Labor Code	
05 Rollup Code		07 Labor Rate	6.0000
		08 Setup Code	
		09 Setup Rate	

Fixed Labor Burden		Variable Labor Burden	
10 % of Labor \$	200	13 % of Labor \$	
11 \$ / Labor Hour		14 \$ / Labor Hour	
12 \$ / Machine Hour		15 \$ / Machine Hour	

COST.ROLLUP uses cost factors maintained here when calculating standard inventoried part costs for the Accounting Value, Last Actual Value, and Average Actual Value cost sets. Use WORK.CENTERS.COSTS to maintain cost factors for the Current, Standard, and Simulation Value cost sets.

Change Which Field, END, TOP, \P .....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# COST.WB

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Help

COST.WB - Costing Workflow "INQ" Mode

Item	100 01	Description	System Pentium 900MHz 17"	
Long PN		UM	EA Each	

Ext Desc	Entries	
This system includes:	18	^
Pentium 900 MHz processor		
192 MB RAM (expandable to 512 MB)		v

Inv Type	FA Final Assembly	Engr Status	A Active	LTC	M
CR Date	04-03-24	Std Cost	959.926		

<input type="checkbox"/> Cost Maintenance	<input type="checkbox"/> Cost Roll	<input type="checkbox"/> Work Order Status
<input type="checkbox"/> Cost Modeling	<input type="checkbox"/> Copy Costs	<input type="checkbox"/> Work Order Analysis
<input type="checkbox"/> Costed Bill	<input type="checkbox"/> Mass Cost Change	<input type="checkbox"/> Work Order Adjustments
<input type="checkbox"/> User Definable	<input type="checkbox"/> User Definable	<input type="checkbox"/> User Definable

Required Data

✓ ✗ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins





# MOVE.COST.SETS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Help

MOVE.COST.SETS Move a Selected Cost Set for Items/Parts

COST SETS		Incremental Costs			Rolled Costs		
01) Acctg Value	4) Avg Act Value	03) Material		10) Material			
2) Current Value	5) Standard Value	04) Labor		11) Labor			
3) Last Act Value	6) Simulation Val	05) Burden		12) Burden			
		06) Outplant		13) Outplant			
		07) Freight		14) Freight			
		08) Matl Bur		15) Matl Bur			
		09) Var Bur		16) Var Bur			

17 Item Numbers

.01)	
.02)	
.03)	
.04)	
.05)	

Entries

18 LTC	19 Inv Types	20 Divisions	21 Sales Code	22 Facilities
.01)	.01)	.01)	.01)	.01)
.02)	.02)	.02)	.02)	.02)
.03)	.03)	.03)	.03)	.03)

Entries Entries Entries Entries Entries

23 Bypass Zero cost overlay  24 Save Process Work File

1 Enter Cost Set Nbr to Move FROM (Source), END |.

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# CALC.BURDEN

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Options Help

Calculate Labor/Material Burden Cost based on a Percent

01	Burden Type to Calculate	<input type="text"/>
02	Burden Rate Percentage	<input type="text"/>

03 Cost Sets to Calculate

.01)	<input type="text"/>	<input type="text"/>
.02)	<input type="text"/>	<input type="text"/>
.03)	<input type="text"/>	<input type="text"/>
.04)	<input type="text"/>	<input type="text"/>
.05)	<input type="text"/>	<input type="text"/>
.06)	<input type="text"/>	<input type="text"/>

.01)	<input type="text"/>	04 Inventory Types	.01)	<input type="text"/>	05 Facilities
.02)	<input type="text"/>		.02)	<input type="text"/>	
.03)	<input type="text"/>		.03)	<input type="text"/>	
.04)	<input type="text"/>		.04)	<input type="text"/>	
.05)	<input type="text"/>		.05)	<input type="text"/>	

Entries Entries

1 Enter Burden Type to Calculate (L/M/END) ...

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# WORK ORDER COSTING - IF TIME PERMITS

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools Options Help

WO.HISTORY - Closed WO History for an Item "INQ" Mode

Item Number	100 01	Incr Acctg Value		Total Rolled
Description	System Pentium 900MHz 17"	Labor	4.072	948.124
Unit of Measure	EA Each	Burden	7.730	Total Cost
Total Closed Orders	1	Outplant		959.926
Work Order Number	1100			
Quantity Required	1225			
Quantity Completed	1225			
Date Completed	02-17-24			
Unit Cost Material	1,756.475			
Unit Cost Labor	0.844			
Unit Cost Burden	1.688			
Unit Cost Outplant	0.000			
Total Unit Cost	1,759.007			
Setup Hours	0.00			
Setup Dollars	0.00			
Run Labor Cst/Unit	0.844			
Run Mach Hrs/Unit	0.109			
Run Labor Hrs/Unit	0.109			

Forward, Backward or Page (END, Fn, Bn, Pn) \P |...

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost 0 Ins



# DISPLAY.AV.CHANGES

localhost - roi:JME.MAIN - Manage 2000 - ROI Systems, Inc.

File Edit Commands Scripts Tools ProcessOpts MSO Help

DISPLAY.AV.CHANGES Display Accounting Value Changes

01 Starting Date 01-01-24  
02 Ending Date 05-12-24

03 Item Number  
 .01) ALL  
 .02)  
 .03)  
 .04)  
 .05)  
 .06)  
 .07)  
 .08)  
 Entries 1

04 Cost Change Function  
 .01) ALL  
 .02)  
 .03)  
 .04)  
 .05)  
 .06)  
 .07)  
 .08)  
 Entries 1

Change Which Field, END, TOP, \P |.....

✓ ✕ \* User roi:JME.MAIN, PID 0010 on localhost

DISPLAY.AV.CHANGES

File Edit View Help

DISPLAY.AV.CHANGES 00:17 CDT Sun May 12 2024 Epicor Software Corporation Sys M2K81NEXUS Acct roi:JME.MAIN

Accounting Value Changes by Part Number  
for the period: 01-01-24 through 05-12-24

Part Nbr * Seq No	Description	Change Date	Change Time	Function Name	Logon Name	Old Acctg Value	New Acctg Value	Total Qty On Hand	Net Change	Ext Change
100101 *1	System Pentium 900MHz 17"	05-12-24	00:15:51	CHG.VALUE	ROI Systems, Inc.	537.313	337.313	2,932	-200.000	-586,400.000

Complete Rows 1-1 of 1 Double Click Available



# DOCUMENTATION

- M2K.ACCOUNTING.DOC

MANAGE 2000 Menu  
File Edit View Help  
Back Forward Stop Refresh Home Short Cuts Print  
Selection | Go

Short Cuts  
Folder 1

Manage 2000 Accounting  
Ch. 1 - General Ledger Setup  
Ch. 2 - Allocations  
Ch. 3 - Inventory Asset Cost Classifications  
**Ch. 4 - Updating Inventory Costs and Accounts**  
CHG.VALUE  
ITEMS.COST  
ITEMS.ROLLED.COST  
MOVE.COST.SETS  
COST.ROLLUP  
CALC.BURDEN  
RECALC.FREIGHT.COSTS  
OBSOLETE  
Ch. 5 - Purchasing/Inspect/RTV  
PO.RECEIPTS  
INSPECT  
RTV.ENTRY  
Purchase Order Consignments  
Ch. 6 - Accounts Payable  
Ch. 7 - Sales Order Cycle/Shipments/Invoicing/RMA  
Ch. 8 - Accounts Receivable  
Ch. 9 - Work Order Cycle  
Ch. 10 - Repetitive Manufacturing and Quality Control  
Ch. 11 - Inspection  
Ch. 12 - Multiple Facilities (Inter-Facility)  
Ch. 13 - Miscellaneous Inventory Management  
Ch. 14 - Bin Items  
Ch. 15 - Foreign Currency Exchange (FCX)  
Ch. 16 - CONTROL.ACCOUNTS Record Layout

EPICOR  
Manage 2000  
Topic Overview  
Printer Friendly | Options...

### Chapter 4 - Updating Inventory Costs and Accounts

This chapter discusses the various methods for maintaining inventory accounting information and inventory costs. Manage 2000® is both highly flexible and highly controlled, allowing clients to select from a variety of approaches to inventory accounting, yet applying rigid checks and balances to protect data integrity and minimize reconciliation errors.

**Accountable Inventory...**  
Throughout this document, accountable on-hand is the total of regular stores on-hand inventory (OH), inventory received into and held in inspection (RII), and inventory kept on-hand for the material review board (MRB). In addition, for the purpose of overall inventory valuation, accountable on-hand includes inventory held on Sales Consignment if the COST.CONSTANTS option is enabled to revalue Sales Consignments when Item Master (IM) Accounting Value changes.

**Inventory Accounts and Account Codes...**  
Manage 2000 requires that all inventory records include a valid General Ledger (GL) asset account number (or inventory account code) to ensure correct accounting of each and every inventory transaction. Account numbers are assigned in one of several ways.

- **Default**
  - A default inventory asset account must be defined in the CONTROL.ACCOUNTS function (field 40). If no other account assignment parameters are defined (see below), this default account is automatically assigned to each part created. The account number can be changed using the CHG.VALUE function **but only if the CONTROL.ACCOUNTS default is used for determining inventory asset accounts (as defined in the INV.CONSTANTS function)**.
- **Lookup**
  - Most companies use multiple asset accounts for inventory. Manage 2000 provides a method for automatic account number assignment based upon either the Inventory Type or Sales Code tables. This parameter is set in the INV.CONSTANTS function (the default is to CONTROL.ACCOUNTS).
  - For example, if account numbers are to be assigned by inventory type, then that option is selected in the INV.CONSTANTS function. Inventory asset account numbers can then be assigned to Inventory Type codes. When a new item is created, its Inventory Type code's account number is automatically posted to the item record. If the account number associated with the inventory type is later changed, then all items containing that code are updated with the new account number. It is possible to change the INV.CONSTANTS function parameter to Sales Code, but doing so causes all item records to be updated accordingly, along with the necessary GL transactions at the time the change is made.
- **Inventory Account Codes**
  - If it is necessary to split out the seven cost types into separate asset accounts, a table of inventory account codes can be built using the INV.ACCOUNTS function. (See the chapter on cost accounting for definition of cost types.) A selected inventory account code is then assigned to each part number, again using the CHG.VALUE function. Within these user-defined codes, a GL account is defined for each cost type. If a separate GL account for a particular cost type is not specified, the GL transaction affecting that cost type defaults to the GL account specified for the material cost type of the item. If a burden account is left blank, it defaults to the FIXED LABOR BURDEN account if it is present.

Complete C:\M2KUserDoc81\m2k-productdoc\to.g.update.inv.xml



NUGM 2024

THANK YOU

Joanne Eckenrode, NovoROI Systems LLC  
jme@novoroisystems.com

