



# **DSD Business Systems**

**Sage 100 Enhancements**

**J035**

**Job Cost Reports with Commitments**

**JC-1035**

**Version 7.30**



Information in this document is subject to change without notice.

Copyright 1993-2024, DSD Business Systems All rights reserved.

Job Cost Reports with Commitments User's Manual  
Version 7.30

4 November, 2024

DSD Business Systems  
8787 Complex Drive  
Suite 400  
San Diego, CA 92123  
858/550-5900 8:00am to 5:00pm PST  
858/550-4900 Fax

### **Trademarks**

**ProvideX®** is a Trademark of Sage Software.

**Windows** is a trademark of Microsoft Corporation.

**Sage 100®** is a registered trademark of Sage Software.

**PXPlus®** is a registered trademark of PVX Plus technologies

All other product names and brand names are service marks, and/or trademarks or registered trademarks of their respective companies.

This documentation and the software described herein, is prepared and published under license. Sage Software has not tested or verified either the software or any representation in this documentation regarding the software. Sage Software does not make any warranty with respect to either this documentation or the software described herein, and specifically disclaims any warranty, express or implied, with respect hereto, including the warranties of fitness for a particular purpose and merchantability.

---

## Table of Contents

---

<b>SECTION A: INTRODUCTION</b>	<b>4</b>
WEB RESOURCES .....	4
SUPPORT .....	4
JOB COST REPORTS WITH COMMITMENTS FEATURES .....	5
<b>SECTION B: GETTING STARTED</b>	<b>6</b>
REQUIRED LEVELS .....	6
INSTALLATION .....	6
DSD ENHANCEMENT CONTROL PANEL .....	8
<b>SECTION C: SETUP</b>	<b>10</b>
<b>SECTION D: SYSTEM OPERATIONS</b>	<b>12</b>
JOB MASTERFILE MAINTENANCE/INQUIRY .....	12
JOB COST CODE DETAIL REPORT .....	12
JOB TRANSACTION DETAIL REPORT .....	14
CUSTOM JOB COST REPORT .....	15
CUSTOM JC REPORT - HEADER INFORMATION .....	16
CUSTOM JC REPORT - DETAIL INFORMATION .....	17
CUSTOM JC REPORT - FOOTER INFORMATION .....	17
CUSTOM COST CODE DETAIL REPORT .....	18
<b>SECTION E: UNINSTALL DSD ENHANCEMENTS</b>	<b>20</b>

## Section A: Introduction

---

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

### Web Resources

DSD web site: <http://www.dsdinc.com>

The Enhancement page contains:

- Current Release Schedule*
- Purchasing Information*
- Installation Instructions*
- Product Support*
- Enhancement Links*

J035 Job Cost Reports with Commitments:

<http://www.dsdinc.com/enh/pages/J035.htm>

The product web page contains:

- Product Description*
- Web Links*
- Current Product Version Table*
- Product Installation File Download*
- Product Manual in .pdf Format*
- Revision History*
- FAQ*

### Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

For a hard error, where the program displays an error dialog, report:

- Error number.*
- Program name.*
- Line number.*
- Program version.*
- Exact sequence that caused the error, including menus and menu selections.*
- Other pertinent information.*

If leaving a message or faxing, please include:

*Your name.*

*Your phone number (and fax if applicable) and extension.*

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system remotely or by some other to duplicate the system.

### ***Job Cost Reports with Commitments Features***

With this DSD Extended Solution to the Job Cost module, the Job Cost Code Detail Report and Job Cost Transaction Detail Report will include a new option to print Purchase Order Commitments. These 'commitments' are calculated as the dollar amounts for all Purchase Order Line Items that reference a Job, and are summarized by Job Number, Cost Code and Cost Type. This amount includes only Open Items by default, but you may optionally include Fully Received Items.

Additionally, this Extended Solution adds two custom reports to the Job Cost Module. The 'Custom Job Cost Report' (see *Specific Purpose Rule*) uses data from the following Job Cost Data Files: Job Masterfile, Job Cost Detail File, Job Cost Transaction Detail File and Cost Code Master and the Purchase Order Entry Line Detail File. The report may be selected by a range of Job Numbers, for selected Job Status Codes, and in Detail or Summary mode. The 'Custom Cost Code Detail' report is identical to the Cost Code Detail report in sort, selection and header areas but has a custom columnar layout with custom defined data for the columns.

## Section B: Getting Started



• If you reinstall or upgrade one of the Sage 100 modules listed in the following table, you must also reinstall this Enhancement.

• Enhancements from different Sage Developers are generally not designed to work together. If installed together, problems are likely to occur.

- Check with DSD before installing more than one Enhancement.

### Required Levels

Sage 100 Module	Module Required	Required Level
J/C	Y	7.30
P/O	Y	7.30

### Installation

1. **Back-up:** Exit all Sage 100 sessions. Back-up existing Sage 100 data.
2. **Check Levels:** Sage 100 module levels **must match** those listed above.
3. **Run Enhancement Setup Program:** Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.
4. **Send your Sage Serial Number to your DSD Representative:** Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.
5. **Re-Start Sage 100:** Sage 100 will be updated.
6. **Unlock the Enhancement:** DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the **DSD Enhancement License Agreement and Activation** window will appear. Follow the steps shown on that window. *You can click the Help button for more detailed instructions.*

**Note:** On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.

After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

**File Unlock:** After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

**Web Unlock:** If the system that is running the DSD Enhancement *has web access* and you *have sent DSD your Sage Serial number*, you can unlock the Enhancement without assistance using Web Unlock. When this option is selected, the program will attempt to download encrypted serial number key file from DSD and then proceed to unlock all enhancements contained in the file.

- The Sage 100 system that is being used must have web access for this option to be effective.
- You can send your Sage Serial Number to your DSD Enhancements sales representative.

**Demo Unlock:** If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

- Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

**Manual Entry Unlock:** If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

**Note:** You can also unlock a DSD Enhancement through the [DSD Enhancement Control Panel](#) found on the Library Master Utilities Menu. Then, select the Enhancement with your mouse from the list of Enhancements and click the **Unlock Product** button on the right side of the window.

- Convert Data:** After unlocking, the DSD Conversion Wizard will appear. Follow on-screen instructions to complete data conversion. *You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.*

### DSD Enhancement Control Panel

Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The **DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.**

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.

**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the "MAS90/PDF" folder and then displayed.

**Check the Web for Updates:** This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires an internet connection on the Sage 100 system.*

**Unlock Product:** This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

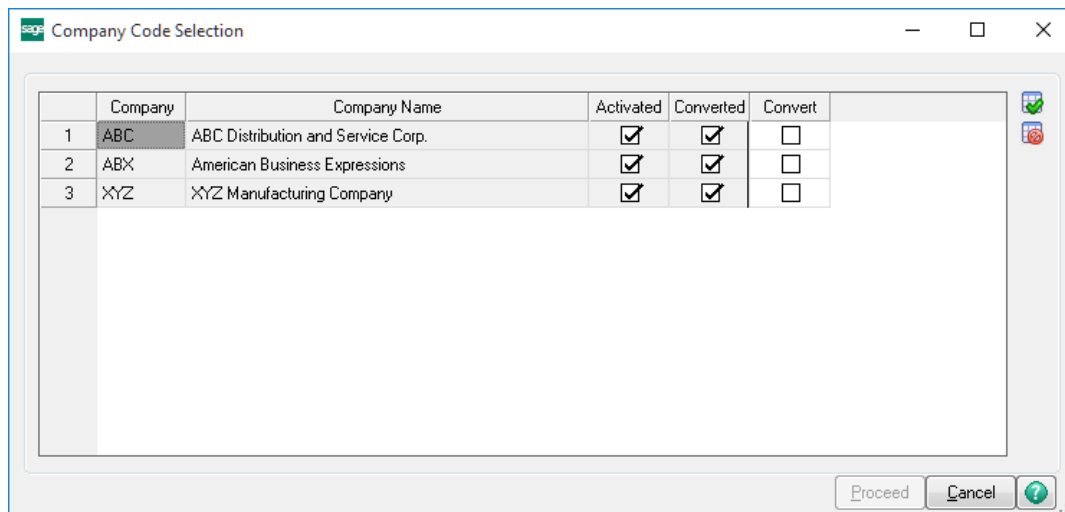
**Unlock All Products:** This will cause the DSD Enhancement All License Agreement and Activation window to appear. This window is similar to the one described on the previous page, but has only web and file as options to unlock. *This button is never disabled.*

**Convert Data:** After verification, the selected Enhancement's data conversion program will run. Data conversion is non-destructive, and may be triggered any number of times. Sometimes this is required to fix data records imported or updated from a non-enhancement installation.





**Multi-Convert Data:** Multiple Companies can be converted at the same time for a given Enhancement. *(If you have a large number of Companies to convert, please do in batches of 20 or fewer due to memory limitations.)*



**Help:** The Help button, located at the bottom right of the window, opens an HTML help file.

**Get Adobe Acrobat:** Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

**Uninstall Enhancement** If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system. (for more information see [Uninstall DSD Enhancements](#))

## Section C: Setup

Upon completion of software installation, you will need to access the DSD Extended Solutions Setup from the Job Cost Setup menu. Select this part number and the Setup screen for this Extended Solution will appear. Check the 'Enable DSD Extended Solution' box to activate this Extended Solution.

**JC-1035 Setup Options**

**Job Cost Reports With Commitments**

Enable DSD Extended Solution ☒ Level 7.30

Include Fully Received Items ☐

Report Title

Materials Cost Types To Report

Subcontract And Other Cost Types To Report

Labor Cost Types To Report

Enhanced Custom Cost Code Detail Report ☐

Page Break by Job Number ☐

Print Cost Type Summary on C/C Detail Report ☐

Accept Cancel

Check this box to enable Job Cost Reports with Commitments DSD EEC 11/4/2024

Answer the following prompts:

**Include Fully Received Items:** If you check this box, the commitment line will equal the order line extension. If you leave it blank, the commitment line will be calculated as quantity ordered *less* quantity received times unit cost or as the Order Extension minus Amount Invoiced depending on whether the order line has an associated quantity, or no quantity (miscellaneous charges and /M items) respectively.

**Report Title:** Specify the title you wish to use for the 'Custom Job Cost Report.'

**Materials Cost Types To Report:** Specify the Cost Type(s) to be included in the 'Material Costs' section of the 'Custom Job Cost Report.'

**Subcontract & Other Cost Types to Report:** Specify the Cost Type(s) to be included in the 'Subcontract & Other Costs' section of the 'Custom Job Cost Report.'

**Labor Cost Types to Report:** Specify the Cost Type(s) to be included in the 'Labor' section of the 'Custom Job Cost Report.'

**Enhanced Custom Cost Code Detail Report:** Check this box to print the Custom Job Cost Code Detail Report in Enhanced format (see Operations).

**Page Break by Job Number:** Check this box to page break by Job Number.

**Print Cost Type Summary on C/C Detail Report:** Check this box to print a Cost Type Summary on the standard Sage 100 Cost Code Detail Report

# Section D: System Operations

## Job Masterfile Maintenance/Inquiry

A pop-up window has been added to the Job Masterfile Maintenance/Inquiry screens that provides a constant display of the total P/O Commitment amount for the job.

The screenshot shows the 'Job Maintenance (EEC) 7/1/2025' window. It contains a form with the following fields: Job No. (EEC2140), Description (Saddleback-Hospital Remodel), Customer No. (01-SADDLE), Country, Job Address (1234 Olive Heights Rd.), ZIP/Postal Code (92865), City (Orange), State/Province (CA), Contact (Mike Shapiro), Telephone ((714) 633-2571), Ext (545), Work, Fax, E-mail Address, Comment, Estimator (JACOBS), Manager (ELLIOTT), Contract No. (2250-RTJ), Date (4/25/2025), Job Status (Open), Status Date (5/31/2025), Estimated Start Date (5/1/2025), Estimated Completion Date (8/31/2025), Actual Start Date (5/1/2025), Job Type (001 Contract Billing), Acct Method (Completed Contract), Billing Method (Fixed), Retention (20.00%), SORT FIELD (CLIENT), Retain Transaction Detail (checked), Unit of Measure (SQ FEET), Total SQ FEET (10,000), and Exclude from Certified Payroll Report (unchecked). A pop-up window titled 'Additional P/O Information' is shown, displaying 'P/O Commitments' as 928.50.

## Job Cost Code Detail Report

If you click on the 'P/O Commitments' pop-up button, an additional field will be available. Check the 'Print P/O Commitments' box, to print out P/O commitments on the report.

The screenshot shows the 'Job Cost Code Detail Report (EEC) 7/1/2025' window. It contains a form with the following fields: Report Setting (STANDARD), Description (Job Cost Code Detail Report), Setting Options (Public, Print Report Settings, Number of Copies), Sort Report By (Job Number), Cost Types to Print (All, B,E,L,M,O,S), Job Statuses to Print (All Statuses, Bid, Closed), Options (Report Type to Print, Projected % of Estimate, Fiscal Year, Accounting Period), and Selections (Select Field, Operand, Value). A pop-up window titled 'Job Cost Commit...' is shown, displaying 'Print P/O Commitments' as checked.

The 'Purch Order Commitments' column replaces the '% of Estimate' and '% Complete' columns. A 'Committed' (CMTD) column has been added, which reflects the sum of the 'Job-To-Date' and 'P/O Commitments' columns. The Period-To-Date, Original Estimate, Projected Cost To Complete and Projected % of Estimate columns have been removed.

The 'Revised Estimate' field has been re-titled 'Budget;' thus the 'Current Variance' is now calculated as 'Budget' minus 'CMTD.'

When printing in Full Detail, Cost Type 'S' Commitments will be printed for each Subcontractor detail line for the particular Job Number/Cost Code.

Job Cost Code Detail Report  
Cost Code Detail Sorted by Job Number  
For Period Ending 5/31/2025

Edwardson Electric Company (EEC)

Job Number: EEC2140 Saddleback-Hospital Remodel  
Job Type: 001 Contract Billing  
Job Status: O Open  
Contract No: 2250-RTJ  
Actl % Complete: 80.00%

Customer No: SADDLE Saddleback Community Hospital  
Bill Method: F Fixed  
Status Date: 5/31/2025  
Contract Date: 4/25/2025  
Reported Date: 5/15/2025

Estimator: JACOBS  
Manager: ELLIOTT  
Rev. Contract: \$36,450.00  
Cost JTD: 18,502.55

Start Date: 5/1/2025  
Compl Date: 8/31/2025  
SQ FEET: 10,000.00  
Ply % Est: 92.01%

Cost Code / Cost Type		Job To Date	Original Estimate	Budget	Purch Ord Commts	CMTD	Date Rptd	Current Variance
100-010-000	Underground Work - Digging							
L Labor	-							
S Subcontract	-							
	COST:	0.00	0.00	0.00	1.80	1.80	COST	0.00
	COST:	25.00	0.00	0.00	0.00	25.00	COST	25.00
	COST TOTAL:	25.00	0.00	0.00	1.80	26.80		25.00
100-010-001	Underground Work - Backhoe Dig							
L Labor	-							
S Subcontract	01-J&J							
	COST:	0.00	0.00	0.00	0.00	0.00	COST	0.00
	COST:	2,100.55	2,000.00	2,000.00	0.00	2,100.55	05/12	100.55
	COST TOTAL:	2,100.55	2,000.00	2,000.00	0.00	2,100.55		100.55
100-030-000	Underground Work - Piping							
M Material	-							
	COST:	162.00	0.00	0.00	312.00	474.00	05/12	162.00
100-040-000	Underground Work - Wire Pull							
M Material	-							
	COST:	111.00	0.00	0.00	111.00	222.00	05/12	111.00
100-099-000	Underground Work - Overhead							
O Overhead	-							
	COST:	0.00	0.00	0.00	0.00	0.00	COST	0.00

Run Date: 11/8/2023 2:29:19PM  
J/C Date: 11/8/2023

Page: 1

Current Page No.: 1      Total Page No.: 1+      Zoom Factor: 100%

If you checked the 'Print Cost Type Summary on C/C Detail Report' box in Setup, a Cost Type Summary will print at each Job break as well as a Cost Type Summary Recap at the end of the report.

**Job Transaction Detail Report**

If you click on the ‘P/O Commitments’ Pop-up button, an additional field will be available. Check the ‘Print P/O Commitments’ box to print out P/O commitments on the report. Below is an example of the report.

*Only P/O Commitments for Cost Codes/Cost Types that are active (i.e. there is a posted transaction) for a given job will be printed.*

Job Transaction Detail Report (EEC) 7/1/2025

Report Setting: STANDARD

Description: Job Transaction Detail Report

Setting Options

Type: Public

Default Report: ☒

Print Report Settings: ☐

Three Hole Punch: ☐

Number of Copies: 1

Collated: ☒

Sort Report By: Job Number

Job Statuses to Print

All Statuses: ☒ Bid: ☒ Closed: ☒

Cost Types to Print

All Cost Types: ☒ B, E, L, M, ...

Options

Print Transaction Detail: ☒

Print Jobs with No Activity: ☒

Page Break by Job: ☒

Selections

Select Field	Operand	Value
Job Number	All	
Job Type	All	
Transaction Date	All	
Customer Number	All	

Microsoft Print to PDF

Keep Window Open After Print: ☐ Preview: ☐

Print Preview Setup

Job Cost Commit... ? X

Print P/O Commitments: ☒

Accept Cancel

If there are any ‘Commitments,’ they will be printed under each corresponding break total line, and the Total Commitments are printed under the Report Total line.

Job Transaction Detail Report

Edwardson Electric Company (EEC)

Job No: EEC2140 Saddleback-Hospital Remodel Customer No: 01-SADDLE Saddleback Community Hospital

Job Type: 001 Contract Billing Bill Method: F FIXED Estimator: JACOBS Start Date: 5/1/2025  
 Job Status: O Open Status Date: 5/31/2025 Manager: ELLIOTT Comp Date: 8/31/2025  
 Contract No: 2250-RTJ Contr Date: 4/25/2025 Rev Contract: 36,450.00 SQ FEET 10,000.00  
 %Complete: 60.00% Reported Date: 5/15/2025 Rev Estimate: 33,515.00 Calc % Comp: 65.21%

Cost Code/Type	Trans. Date	Source	Reference/Posting	Remarks	Billed?	Unit Cost	Units	Dollars	Revised Estimate	% Estimate
100-010-000				Underground Work - Digging						
S				Subcontract						
5/5/2025	PO	5000004	0000182	FREIGHT	N	25.00	1.00	25.00	0.00	0.00%
Cost Code 100-010-000 Total:								25.00	0.00	0.00%
								P/O Commitments	0.00	
100-010-001				Underground Work - Backhoe Dig						
S				Subcontract						
5/30/2025	AP	01J&J JJ2587	Contract#J27143		N	0.00	0.00	1,750.00	2,000.00	87.50%
5/30/2025	AP	01J&J JJ2650	BACKHOE DIG		N	0.00	0.00	350.55		17.53%
Vendor 01-J&J Total:								0.00	2,100.55	105.03%
Cost Type S Total:								0.00	2,100.55	105.03%
								P/O Commitments	0.00	
Cost Code 100-010-001 Total:								2,100.55	2,000.00	105.03%
								P/O Commitments	0.00	
100-030-000				Underground Work - Piping						
M				Material						
5/31/2025	PO	G000001	0000177	COUPLER-1/2	N	0.08	150.00	12.00	0.00	0.00%
5/31/2025	PO	G000001	0000177	EMT-1/2	N	1.00	150.00	150.00	0.00	0.00%
Cost Type M Total:								300.00	162.00	0.00%
								P/O Commitments	312.00	
Cost Code 100-030-000 Total:								162.00	0.00	0.00%
								P/O Commitments	312.00	
100-040-000				Underground Work - Wire Pull						
M				Material						
5/31/2025	PO	G000002	0000178	FLEX-1	N	1.85	60.00	111.00	0.00	0.00%
Cost Code 100-040-000 Total:								111.00	0.00	0.00%
								P/O Commitments	111.00	
100-099-001				Backhoe Dig - Sub Overhead						
O				Overhead						
5/30/2025	AP	Subcontract	OVERHEAD ALLOCATION		N	0.00	0.00	350.00	0.00	0.00%
Cost Code 100-099-001 Total:								350.00	0.00	0.00%
								P/O Commitments	0.00	
200-000-000				Interior Piping						
L				Labor						
4/15/2025	JC	0002000	4-12	TML0G Piping - Labor	N	25.00	40.00	25.00	4,000.00	25.00%

Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

### Custom Job Cost Report

Below are examples of the selection screen, the detail report and summary report. The title for this report may be user defined during Setup. This report may be selected by a range of Job Numbers and Job Statuses. It may also be run in summary mode.

Only P/O Commitments for Cost Codes/Cost Types that are active (i.e. there is a posted transaction) for a given job will be printed.

Custom Job Cost Report (EEC) 7/1/2025

Report Setting: STANDARD Save

Description: Custom Job Cost Report

Setting Options

Type: Public Print Report Settings: ☐ Number of Copies: 1

Default Report: ☒ Three Hole Punch: ☐ Collated: ☒

Job Statuses to Print

All Statuses: ☒ Bid: ☒ Complete: ☒ Hold: ☒ Late Charge: ☒ Open: ☒ Closed: ☒

Options

Report Type to Print: Detail

Selections

Select Field	Operand	Value
Job Number	All	
Job Type	All	
Customer Number	All	
Estimator	All	

Microsoft Print to PDF Keep Window Open After Print: ☐ Preview: ☐ Print Preview Setup

**Custom JC Report - Header Information**

The header section of the detail report contains the following data from the Job Masterfile and the Job Cost Transaction Detail File:

Job Number  
 Contract Number  
 Original Contract Amount  
 Manager  
 Customer Number  
 Contract Date  
 Change Order Amount(s)  
 Amount Billed to Date  
 Job Type  
 Start Date  
 Revised Contract Amount  
 Last Bill Date  
 Job Status  
 Completion Date  
 Amt Over/Under Invoice  
 Actual Pct Complete

Custom Job Cost Report

Custom Job Cost Report  
Detail Report

Edwardson Electric Company (EEC)

Job Number: EEC2140  
Contract No.: 2250-RTJ  
Original Contract: 30,000.00  
Manager: ELLIOTT  
Customer No: 01-SADDLE  
Contract Date: 4/25/2025  
1) Upgrade of standard fixtures to class 2 450.00  
Billed to Date: 0.00  
Job Type: 001  
Start Date: 5/1/2025  
1) Smoke detector installation 1,000.00  
Last Billed Date: 5/31/2025  
Job Status: O  
Completion Date: 8/31/2025  
1) Additional upgrades at customer request 5,000.00  
Over/Under Invoiced: 0.00  
Revised Contract: 36,450.00  
Calc % Complete: 60

Material Costs					Labor Costs					SubContract and Other Costs					
P/O Committed	P/O Extended	Actual Cost	Estimated Cost	% Cmpl	Actual MHS	Estimated MHS	% Cmpl	Actual Cost	Estimated Cost	% Cmpl	P/O Committed	P/O Extended	Actual Cost	Estimated Cost	% Cmpl
100-010-000	Underground Work - Digging	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
100-010-001	Underground Work - Backhoe Dig	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
100-030-000	Underground Work - Piping	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
100-040-000	Underground Work - Wire Pull	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
100-099-000	Underground Work - Overhead	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
100-099-001	Backhoe Dig - Sub Overhead	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
200-000-000	Interior Piping	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
200-090-000	Interior Piping - Burden	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0
200-099-000	Interior Piping - Overhead	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0

Current Page No.: 1

Total Page No.: 1+

Zoom Factor: 100%

A maximum of ten change order amounts will list. If there are more than ten change orders, the sum of the change orders past the ninth will print as the tenth change order amount. Revised contract amount is the total of the original contract amount and all associated change orders.



Amount Over/Under Invoice is calculated as:  $((\text{Total Actual Cost for Job} / \text{Total Estimated Cost for Job}) * \text{Revised Contract Amount}) - \text{Amount Billed to Date}$ .

### **Custom JC Report - Detail Information**

The detail section of this report consists of one line for each Cost Code within the current Job Number, and columns for Material Costs, Labor Costs, and Subcontract and Other Costs. These columns are followed by a series of Total Costs columns.

The Material Costs and Subcontract and Other Costs sections contain the following data:

- P/O Committed: Total dollars of all Purchase Orders issued for the Cost Code/Cost Type. This is the original PO amount, calculated as Unit Cost times Quantity Ordered, regardless of whether the items have been received.
- P/O Expended: Actual charge to the Cost Code/Cost Type for transactions with source of PO (these happen after a Receipt of Invoice update).
- Actual Cost: Total posted Job to Date Costs for Cost Code/Cost Type (including expended PO and non PO costs).
- Estimated Cost: Cost Code/Cost Type estimated from the Job Cost Detail File.
- % Complete: Actual Cost divided by Estimated Cost, rounded to whole percent.

The Labor Costs section contains the following data:

- Actual Hours: Job to Date Hours posted to the Cost Code/Labor Cost Type.
- Estimated Hours: Estimated Units for the Cost Code/Labor Cost Type from the Job Cost Detail File.
- % Complete: Actual Hours divided by Estimated Hours.
- Actual Cost: Job to Date Dollars posted to the Cost Code/Labor Cost Type.
- Estimated Cost: Estimated Dollars for the Cost Code/Labor Cost Type from the Job Cost Detail File.
- % Complete: Actual Dollars divided by Estimated Dollars.

The Total Costs section contains the following data:

- Actual Cost: Sum of Actual Cost from previous columns.
- Estimated Cost: Sum of Estimated Cost from previous columns.
- % Complete: Total Actual Cost divided by Total Estimated Cost.

Job Number totals print for each column in the Detail Section.

### **Custom JC Report - Footer Information**

After the Job Number totals print, the following data will print:

- Projected O&P: Revised Contract Amount minus Total Estimated Cost.
- Projected Mark-Up: Projected O&P divided by Total Estimated Cost.

If the user elects to run the report in Summary mode, one line will print for each Job Number. The Job Description will print on the line, as will the Job Number totals for each of the Detail Section columns.

Projected O&P and Projected Mark-Up for all Job Numbers will print in the Footer Section. No Header information will print on the Summary Report.

The screenshot shows a software window titled "Custom Job Cost Report". It contains a table with multiple columns of numerical data. The table lists several job items with their descriptions and associated costs. At the bottom of the table, there is a summary section for "Job Totals", "Projected O & P", and "Projected Mark-Up". The footer of the window displays the run date, J/C date, current page number, total page number, and zoom factor.

500-010-000	Fire Alarm - Installation	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
500-020-001	Smoke Detectors - Initial Test	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
500-090-000	Safety Systems - Burden	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
500-099-000	Safety Systems - Overhead	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
500-099-001	Safety Systems - Overhead	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
600-099-000	Maintenance - Overhead	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
Job Totals:		0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
Projected O & P:		0.00	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0
Projected Mark-Up:		0															

Run Date: 11/8/2023 2:38:48PM  
J/C Date: 11/8/2023  
User Login:

Current Page No.: 2      Total Page No.: 3+      Zoom Factor: 100%

### Custom Cost Code Detail Report

This new report has identical selection and sort options to the existing Cost Code Detail Report. The report will print the same 'header block' containing the constant Job Masterfile information. The detail column layout, however, has been modified as follows:

- Cost Code and Cost Code Description
- Verified Estimate
- Adjustment to Verified Estimate (Original less Revised Estimate)
- Total Current Estimate (Revised Estimate)
- JTD Cost (equivalent to 'Job To Date')
- Purchase Order Commitments (equivalent to CMTD column)
- Total Cost To Date (JTD Cost + Committed Cost)
- Variance To Verified Estimate (Verified Estimate - Total Cost To Date)
- Variance To Current Estimate (Total Current Estimate - Total Cost To Date)

See below for an example of the report.

Custom Cost Code Detail Report  
Cost Code Detail Sorted by Job Number  
For Period Ending 5/31/2025

Edwardson Electric Company (EEC)

Job Number: EEC2140 Saddleback-Hospital Remodel  
Job Type: 001 Contract Billing  
Job Status: O Open  
Contract No: 2250-RTJ  
Act% Complete: 60.00%

Customer No: 01-SADOLE Saddleback Community Hospital  
Bill Method: F Fixed  
Status Date: 5/31/2025  
Contract Date: 4/25/2025  
Reported Date: 5/15/2025

Estimator: JACOBS  
Manager: ELLIOTT  
Rev. Contract: \$36,450.00  
Cost JTD: 18,502.55

Start Date: 5/1/2025  
Compl Date: 8/31/2025  
SQ FEET: 10,000.00  
Pj % Est: 92.01%

Cost Code / Cost Type	Verified Estimate	Adj to Verified Estimate	Total Current Estimate	JTD Cost	P/O Commitments	Total Cost to Date	Variance to Date	Verified Estimate	Current Estimate
100-010-000 Underground Work - Digging									
L Labor -	COST: 0.00	0.00	0.00	0.00	1.80	1.80	1.80	1.80	1.80
S Subcontract -	COST: 0.00	0.00	0.00	25.00	0.00	25.00	25.00	25.00	25.00
COST TOTAL:	0.00	0.00	0.00	25.00	1.80	26.80	26.80	26.80	26.80
100-010-001 Underground Work - Backhoe Dig									
L Labor -	COST: 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S Subcontract 01-J&J	COST: 2,000.00	0.00	2,000.00	2,100.55	0.00	2,100.55	100.55	100.55	100.55
COST TOTAL:	2,000.00	0.00	2,000.00	2,100.55	0.00	2,100.55	100.55	100.55	100.55
100-030-000 Underground Work - Piping									
M Material -	COST: 0.00	0.00	0.00	162.00	312.00	474.00	474.00	474.00	474.00
100-040-000 Underground Work - Wire Pull									
M Material -	COST: 0.00	0.00	0.00	111.00	111.00	222.00	222.00	222.00	222.00
100-099-000 Underground Work - Overhead									
O Overhead -	COST: 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100-099-001 Backhoe Dig - Sub Overhead									
O Overhead -	COST: 0.00	0.00	0.00	350.00	0.00	350.00	350.00	350.00	350.00
PHASE 100 TOTAL:	2,000.00	0.00	2,000.00	2,748.55	424.80	3,173.35	1,173.35	1,173.35	1,173.35

Run Date: 11/8/2023 2:44:18PM  
J/C Date: 11/8/2023

Page: 1

Current Page No.: 1      Total Page No.: 1+      Zoom Factor: 100%

If you answered 'Y' to 'Enhanced Custom Cost Code Detail Report,' the following changes will be made to the report:

- Job-To-Date Billings and Job-To-Date Receipts will be added to the report's header section. These values will be taken from the Job Status screen from the JTD Invoice Billed and JTD Payment Received fields, respectively.
- The Estimator field will be re-titled 'Warranty.'
- The Contract Date will be re-titled 'PM Closed.'
- If you checked the box in Setup, the report will page break by Job Number.
- The report will suppress the 'Cost,' 'Unit,' and 'Cost/Unit' lines on the report if all the numerics for any of these rows are rows; i.e., the Cost row will print if it contains non-zeros, but the Units column for the same Cost Code/Cost Type will not print if all of its numerics are zero.

See below for an example of the report in enhanced format.

Custom Cost Code Detail Report

Cost Code Detail Sorted by Job Number  
For Period Ending 5/31/2025

Edwardson Electric Company (EEC)

Job Number: EEC2140 Saddleback-Hospital Remodel  
JTD Billings: 18,570.00  
Job Type: 001 Contract Billing  
Job Status: O Open  
Contract No: 2250-RTJ  
Act'l % Complete: 60.00%

Customer No: 01-SADDLE Saddleback Community Hospital  
JTD Receipts: 9,400.00  
Bill Method: F Fixed  
Status Date: 5/31/2025  
PM Closed: 4/25/2025  
Reported Date: 5/15/2025

Warranty: JACOBS  
Manager: ELLIOTT  
Rev. Contract: \$38,450.00  
Cost JTD: 18,502.55

Start Date: 5/1/2025  
Compl Date: 8/31/2025  
SQ FEET: 10,000.00  
Prj % Est: 92.01%

Cost Code / Cost Type	Verified Estimate	Adj to Verified Estimate	Total Current Estimate	JTD Cost	P/O Commitments	Total Cost to Date	Variance to Date	Variance to Current Estimate
100-010-000 Undergroud Work - Digging								
L Labor								
S Subcontract								
COST:	0.00	0.00	0.00	0.00	1.80	1.80	1.80-	1.80-
COST:	0.00	0.00	0.00	25.00	0.00	25.00	25.00-	25.00-
COST TOTAL:	0.00	0.00	0.00	25.00	1.80	26.80	26.80-	26.80-
100-010-001 Undergroud Work - Backhoe Dig								
L Labor								
S Subcontract 01-J&J								
COST:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COST:	2,000.00	0.00	2,000.00	2,100.55	0.00	2,100.55	100.55-	100.55-
COST TOTAL:	2,000.00	0.00	2,000.00	2,100.55	0.00	2,100.55	100.55-	100.55-
100-030-000 Undergroud Work - Piping								
M Material								
COST:	0.00	0.00	0.00	162.00	312.00	474.00	474.00-	474.00-
100-040-000 Undergroud Work - Wire Pull								
M Material								
COST:	0.00	0.00	0.00	111.00	111.00	222.00	222.00-	222.00-
100-099-000 Undergroud Work - Overhead								
O Overhead								
COST:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100-099-001 Backhoe Dig - Sub Overhead								
O Overhead								
COST:	0.00	0.00	0.00	350.00	0.00	350.00	350.00-	350.00-
PHASE 100 TOTAL:	2,000.00	0.00	2,000.00	2,748.55	424.80	3,173.35	1,173.35-	1,173.35-

Run Date: 11/8/2023 2:45:14PM  
J/C Date: 11/8/2023

Page 1

Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

### New and Revised Dictionary Definitions:

#### File

JC\_JobCostCodeDetailReportWrk

JC\_JobTransactionDetailWrk

JC234\_J12\_CustomCCDetailRptWrk <All fields>

JC234\_J12\_CustomReportWrk

#### Field

POCommitments\_234

POCommitted\_234

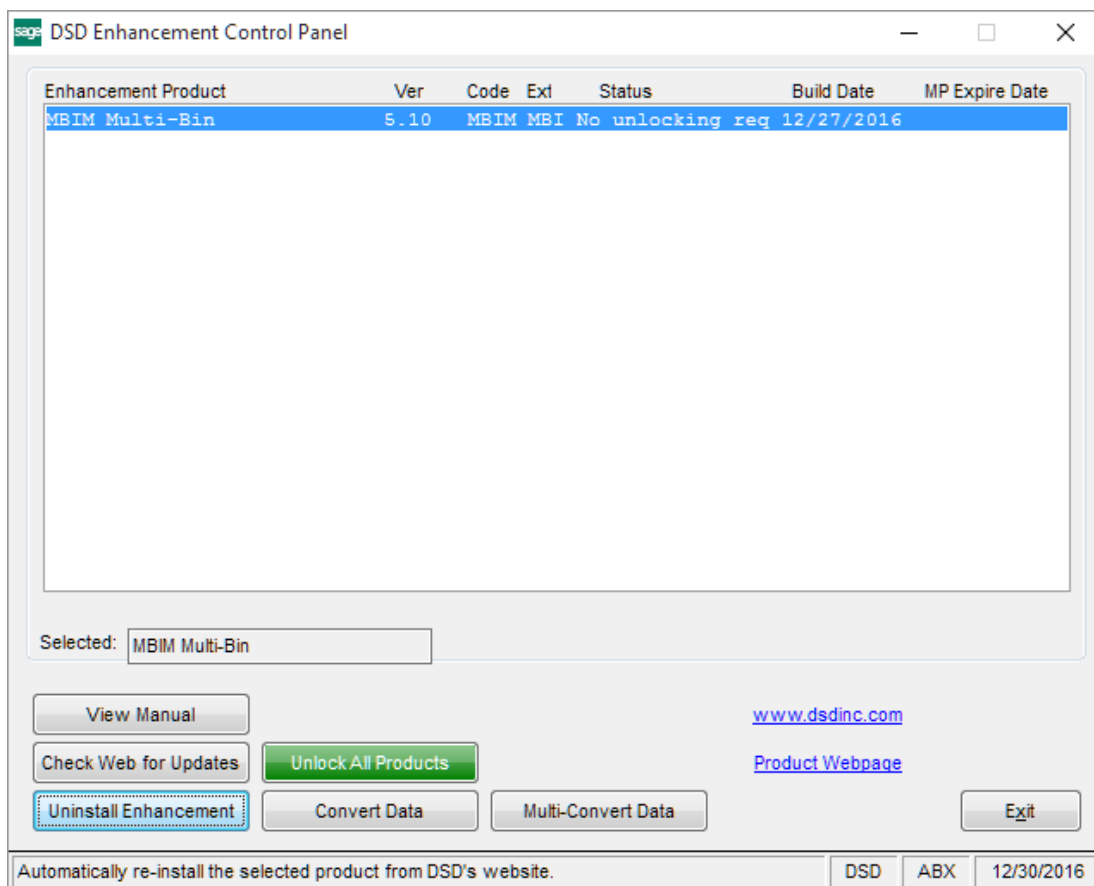
PrintPOCommitments\_234

POCommitments\_234

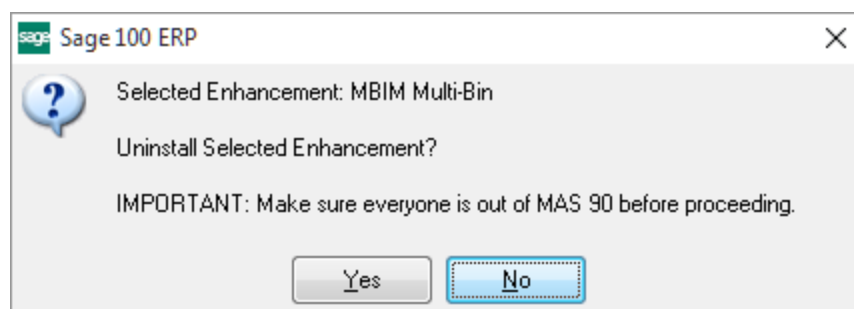
<All fields>

## Section E: Uninstall DSD Enhancements

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.

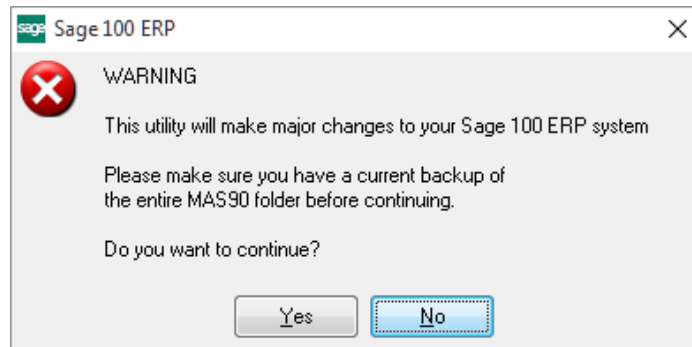


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process.

The following message box will appear, to remind you that a complete backup of your entire Sage 100 system should be completed prior to uninstalling a DSD product.



Select **No** to exit the Uninstall Process.

Select **Yes** to continue with the Uninstall Process.

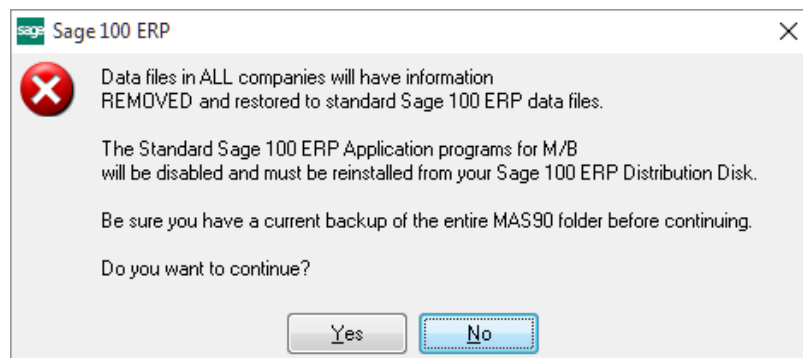
**After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.**

A message box will appear, and will display which of those specific Sage 100 modules you must reinstall afterwards.

Select **No** to exit the Uninstall Process.

Select **Yes** to continue with the Uninstall Process.

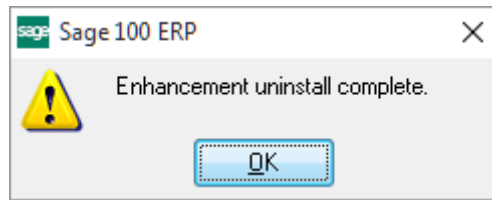
The following message box will appear, displaying the final warning message.



Select **No** to exit the Uninstall Process.

Select **Yes** to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.

After completion of the Uninstall, the following message box will appear. Select OK to continue.



Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Service Pack/Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).