



Bill Extended Options For Sage 100 2018

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Installation Instructions and Cautions

PLEASE NOTE: *SAGE 100 must already be installed on your system before installing any IIG enhancement. If not already done, perform your SAGE 100 installation and setup now; then allow any updating to be accomplished automatically. Once SAGE 100 installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.*

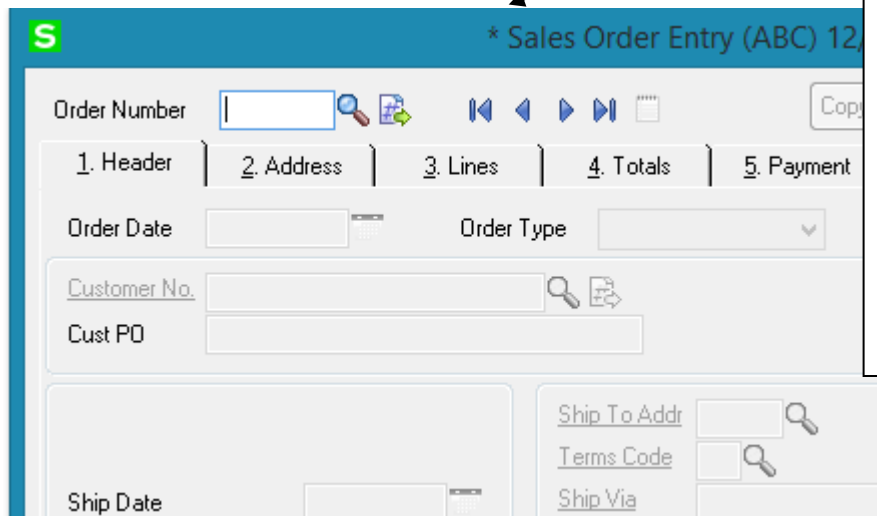
Wait! Before You Install – Do You Use CUSTOM OFFICE?

THIS IS AN IMPORTANT CAUTION: *If you have Custom Office installed, **and** if you have modified any SAGE 100 screens, you must run **Customizer Update** after you do an enhancement installation.*

But wait! BEFORE you run **Customizer Update**, it is very important that you **print all of your tab lists**. Running **Customizer Update** will clear all Tab settings; your printed tab list will help you to reset your Tabs in Customizer Update. **Custom Office** is installed on your system if there is an asterisk in the title bar of some of the screens. The asterisk indicates that the screen has been changed.

An **asterisk** in a window's title bar indicates that the screen has been modified. This means that **Custom Office** is installed.

Follow all the instructions on this page before you run **Customizer Update!**



Registering IIG products

IIG Enhancement should be registered to be able to use it. If registration is not performed, the enhancement will work in a demo mode for a limited time period. The registration can be still done during the demo period.

Select the **IIG Product Registration** program under the **Library Master Setup** menu of the SAGE 100.

If this option is not listed under the Library Master Setup menu, go to the main menu, and select **Run** from the **File** menu. Type in SVIIGR and click **OK**.

IIG Master Developer Enhancement Registration

Registered Customer: IIG - Glendale

Registration Information:

Reseller Name:

Serial Number: 1111111

Customer Number: 222222222

User Key: 3333333333333333

Product Key: 55555 55555 55555 55555 55555

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement	6.00		AAAAAAAAAAAAAAAAAA	BBBBBB

Buttons: OK, Undo, Print Registration Form, Close

Status Bar: IIG ABC 12/16/2016

Enter **Serial Number** and **Unlocking Key** provided by IIG, and click **OK**.

If multiple IIG Enhancements are installed, Serial Numbers and Unlocking Keys should be entered for each enhancement.

Use the **Print Registration Form** button to print IIG Registration Form.

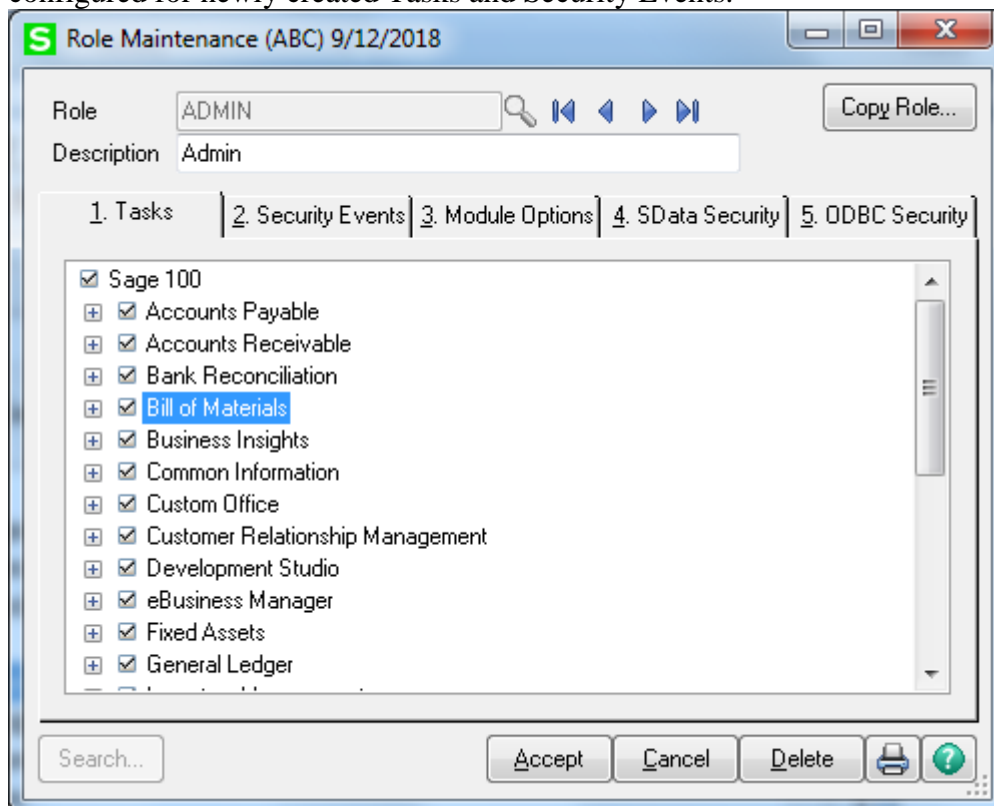
ODBC Security

After installing an **IIG Enhancement**, it is **very important** to **verify** whether or not the **Enable ODBC Security** within **Role Maintenance** check box is selected in the **System Configuration** window of your system. If it is selected you must assign ODBC security permissions and allow access to custom data tables/fields for the Roles defined in your system.



Role Maintenance

After installing an **IIG Enhancement**, permissions must be configured for newly created Tasks and Security Events.



Introduction

The BEO enhancement to Sage 100 Bill of Materials module adds 26 more (A – Z) categories to Bill of Materials and expands the Options Codes list to allow entry of the 35 categories.

These additional Option Categories are functional in the Bill of Materials and Sales Order modules, and only as described below.

Bill of Material Maintenance

The **Categories A to Z** button has been added on the **Header** tab of the **Bill of Materials Maintenance**.

This button is enabled if the **Bill Has Options** flag is set.

Bill of Materials Maintenance (BEO) 9/12/2018

Bill Number: DSKTP-00100
Revision: 000
Bill Type: Standard
Description 1: DESKTOP COMPUTER SYSTEM
Description 2:

1. Header | 2. Lines

Drawing Number:
Drawing Revision:
Routing Number: DESKTOP
Current Revision: 000
Date Last Used: 9/30/2021
Maximum Lot Size: 100
Yield Percentage: 98.000%
Print Components: ☐
Bill Has Options: ☒

Option Categories

Category	Required
1 MAIN DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>
2 AUXILIARY DISK DRIVE ASSEMBLY	<input type="checkbox"/>
3 SECOND AUXILIARY DISK DRIVE	<input type="checkbox"/>
4 HIGH SPEED CPU	<input type="checkbox"/>
5 MEMORY PACKAGE	<input type="checkbox"/>
6 COLOR DISPLAY PACKAGE	<input type="checkbox"/>
7	<input type="checkbox"/>
8	<input type="checkbox"/>
9	<input type="checkbox"/>

Categories A to Z...

Option Categories A to Z, Alt-Z

Accept Cancel Delete

Bill Extended Options

7

Upon clicking this button, a new window with 'Option Categories A to Z' is opened allowing the user to enter up to 26 new option categories. These new categories have the same functionality that is currently present for Categories '1' through '9.'

Category	Option Name	Required
A	Lardo Decals	<input checked="" type="checkbox"/> Required
B	Rear Case Style	<input checked="" type="checkbox"/> Required
C		<input type="checkbox"/> Required
D		<input type="checkbox"/> Required
E		<input type="checkbox"/> Required
F		<input type="checkbox"/> Required
G	Displacement	<input checked="" type="checkbox"/> Required
H		<input type="checkbox"/> Required
I		<input type="checkbox"/> Required
J		<input type="checkbox"/> Required
K		<input type="checkbox"/> Required
L		<input type="checkbox"/> Required
M	USB Cables	<input checked="" type="checkbox"/> Required
N		<input type="checkbox"/> Required
O		<input type="checkbox"/> Required
P		<input type="checkbox"/> Required
Q		<input type="checkbox"/> Required
R		<input type="checkbox"/> Required
S		<input type="checkbox"/> Required
T		<input type="checkbox"/> Required
U		<input type="checkbox"/> Required
V		<input type="checkbox"/> Required
W		<input type="checkbox"/> Required
X		<input type="checkbox"/> Required
Y		<input type="checkbox"/> Required
Z	Performance Shock	<input checked="" type="checkbox"/> Required

Accept Cancel

In the **Option Bill Maintenance** the user can assign Option Codes to all additional 26 Option Categories.

The screenshot shows a window titled "Category-Options List" with a table of computer components. The first row is selected. Below the table is a search section with dropdown menus for "Category-Option" and "Begins with", a "Find" button, and a "Filters..." button. At the bottom are buttons for "Custom...", "Lookup Wizard...", "Select", "Cancel", and icons for Excel, Print, and Help. A status bar at the very bottom indicates "Found 16 records".

Category-Option	Description
1-01	5 1/4 INCH DISK DRIVE ASSEMBLY
1-02	3 1/2 INCH DISK DRIVE ASSEMBLY
1-03	80 MEGABYTE HARD DISK ASSEMBLY
1-04	500 MEGABYTE HARD DISK ASSEMBLY
1-05	DESKTOP COMPUTER SYSTEM
2-01	5 1/4 INCH DISK DRIVE ASSEMBLY
2-02	3 1/2 INCH DISK DRIVE ASSEMBLY
3-01	5 1/4 INCH DISK DRIVE ASSEMBLY
3-02	3 1/2 INCH DISK DRIVE ASSEMBLY
4-01	20 MHZ CPU
4-02	25 MHZ CPU
5-01	6 MGB MEMORY PACKAGE
5-02	12 MGB MEMORY PACKAGE
6-01	VGA COLOR DISPLAY (HI-RES SUPER VGA)
6-02	PGA PROFESSIONAL GRAPHICS SUPER HI-RES SYSTEM
6-03	DESKTOP COMPUTER SYSTEM

Search: Category-Option Begins with Find

Filters...

Custom... Lookup Wizard... Select Cancel

Found 16 records

Option Interaction Maintenance

The **Option Selection** button in the **Option Interaction Maintenance** allows for entry of the new Categories and displays all of the selected Option Codes in an expanded Option Codes selected field.

The screenshot shows a software window titled "Option Interaction Maintenance". At the top, there is a header bar with a green "S" icon and the window title. Below the header, the main area contains several input fields and a list of tabs. The "Option Code" field is highlighted with a blue selection bar. Below it, the "Bill Number" field contains the text "DSKTP-00100" and the "Revision" field contains "000". To the right of these fields is a "Copy From..." button. Below the input fields, there are two tabs: "1. Header" and "2. Lines". The "1. Header" tab is currently selected. Under this tab, there are four input fields: "Option Description 1", "Option Description 2", "Option Description 3", and "Step Number". At the bottom of the window, there is a footer bar with four buttons: "Accept", "Cancel", "Delete", and a help icon (a question mark inside a circle).

The screenshot shows a software window titled "Option Interaction Maintenance". At the top right are standard window controls (minimize, maximize, close). Below the title bar, there's a header area with three tabs: "1. Header", "2. Lines", and "3. Details". The "1. Header" tab is currently selected. In this tab, there are several input fields: "Option Code" containing "04,01,02,02,03, ,02, , ,03, ,01", "Bill Number" containing "DSKTP-00100", and "Revision" containing "000". To the right of these fields are navigation icons (back, forward, etc.) and a "Copy From..." button. Below the input fields, there's a large rectangular area for editing details, which is currently empty. At the bottom of the window, there are four buttons: "Accept", "Cancel", "Delete", and a help icon (question mark).

Bill of Materials Inquiry

The **Bill of Materials Inquiry** displays the expanded Option Code selected field:

Bill of Materials Inquiry (BEO) 9/12/2018

Bill Number

DSKTP-00100

Revision

000

Bill Type

Standard

Unit of Measure

EACH

Routing Number

DESKTOP

Current Revision

000

Description 1

DESKTOP COMPUTER SYSTEM

Description 2

Date Last Used

9/30/2021

Effective Date

9/12/2018

Explosion

Detail to Display

Include All Detail

Option Code

04.01.02.02.03, .02, .03, .01

☒ Single-Level
☐ Indented
☐ Summarized

Component Item Code	Revision	Type	Description	Quantity/Parent	U/M	Comment

OK

Production Entry

The **Production Entry** prompts also for the additional Option Categories. Once Options have been defined, they are displayed in the Option Code field.

Production Entry (BEO) 9/12/2018

Production Number: 0000015 Batch: 00009

1. Header 2. Lines

Production Date: 9/12/2018

Bill Number: DSKTP-00100 DESKTOP COMPUTER SYSTEM

Bill Type: Standard

Revision: 000

Option Code: 04,01,02,02,03, .02, . .03,01

Quantity: .00

Unit of Measure: EACH

Effective Date: 9/12/2018

Parent Warehouse: 000 CENTRAL WAREHOUSE

Component Warehouse: 000 CENTRAL WAREHOUSE

Explode Sub-Assemblies: ☒

Accept Cancel Delete

The additional Option Categories are printed on the **Production Entry Register**.

Production Entry Register
Journal Posting Date: 9/12/2021
Register Number: BM-000001
Batch Number: 00009

Bill Of Materials (BEO)


Production Number	Production Date	Bill Number	Revision	Options Type	Effective Date	Quantity	Unit of Measure	Yield	Whse	Lot/Serial Number
0000015	9/12/2018	DSKTP-00100	000	STD	9/12/2018	0.00	EACH	98.00%	000	
<div style="border: 1px solid blue; padding: 5px;"> BASE DESKTOP COMPUTERSYSTEM 1-04 500 MEGABYTE HARD DISK 2-01 5 1/4 INCH DISK DRIVE ASSEMBLY 3-02 3 1/2 INCH DISK DRIVE ASSEMBLY 4-02 25 MHZ CPU 5-03 DESKTOP COMPUTERSYSTEM 7-02 DESKTOP COMPUTERSYSTEM A-03 DESKTOP COMPUTERSYSTEM Z-01 DESKTOP COMPUTERSYSTEM </div>										
Component Item Code	Description	Unit of Measure	Revision	Whse	Quantity Per Bill	Extended Quantity	Unit Cost	Extended Cost	G/L Account	
8655	PRINTER STAND/W BASKET	EACH	000		3.00	3.00	81.250	243.75	115-0003	
8953	UNIVERSAL 3 1/2" SSD FLEX DSK	EACH	000		2.00	1.00	1.483	1.48	115-0003	
Lot Number: JAN10 Quantity: 1.00										
D1000	DESK 72"X 30"	EACH	000		4.00	3.00	450.000	1,350.00	115-0003	
BB1850	A-B SWITCH-25-PIN	EACH	000		1.00	1.00	0.000	0.00	115-0003	
D1000-RHDS	DESK DRAWERSET- RIGHT HAND	EACH	000		2.00	0.00	0.000	0.00	115-0003	
GLOB-V-3060-25W	GLOBE FOLDING TABLE 30x60	EACH	000		1.00	0.00	0.000	0.00	115-0003	
ARS-9401	ART SPECIALTY EMP CANDLE LAMP	EACH	000		1.00	0.00	0.000	0.00	115-0003	
VNIG-C/MCR	PRINTOUT CATCHER BASKET	EACH	000		2.00	0.00	0.000	0.00	115-0003	

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 120%


The additional Option Categories are available also in the Disassembly Entry.


B/M Picking Sheet Printing





S BM Picking Sheet Printing (BEO) 9/12/2018

Form Code: STANDARD  Designer...

Description: Plain

Number of Copies: 1  Collated: ☒ Multi-Part Form Enabled: ☐ Multi Part...

Print Comments: Partial  Include Miscellaneous Charges: ☐

Quick Row: 1    






	Bill Number	Revision	Bill Options	Quantity	Effective Chan
1	DSKTP-00100	000	04,01,02,02, .02	1.00	9/12/2018
2				.00	

Description 1: DESKTOP COMPUTER SYSTEM

Description 2:

Current Revision: ☒

Component Whse: 000

Microsoft XPS Document Writer  Alignment  Print  Preview  Setup 

Picking Sheet Printing

1 / 1

Main Report

Picking Sheet Page: 1

Warehouse: 000 CENTRALWAREHOUSE
 Bill Number: DSKTP-00100 Revision: 000
 Description: DESKTOP COMPUTER SYSTEM

Effective Date: 9/12/2018
 Option Codes: 04,01,02,02, .02,02, . .03,01

Picked By: _____
 Date Picked: _____

Quantity: 1.00
 Yield Percent: 98.000
 Extended Quantity: 2.00

Location	Component Item Code/Description	Unit of Measure	Quantity Per Bill	Total Quantity	Quantity Picked	Short
D-100-10	6655 Revision: * PRINTER STAND W/ BASKET	EACH	2.00	4.00	_____	_____
E-200-30	ARS-9301 Revision: * ART SPECIALTY BRONZE LAMP	EACH	1.00	2.00	_____	_____
	D1000-LHLOCK Revision: * LOCKSET FOR LEFT-HAND DRAWERS	EACH	2.00	4.00	_____	_____
E-500-20	WJ-M-2109-A Revision: * POST BINDER 3 1/2 X 1 1/2 (100)	BOX	2.00	4.00	_____	_____

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

BOM Reports

The following Reports have been modified to use the new A-Z Options Categories:

- Single Level Bill of Materials
- Indented Bill of Materials
- Summarized Bill of Materials
- Component Requirement
- Gross Requirements
- Costed Bill of Materials
- Bill Validation Report
- Production History Report

Here are the printouts for some of those reports:

Single-Level Bill of Materials Report

BillOf Materials (BEO)

Bill Number	Revision	Option	Type	Unit of Measure	Description
DSKTP-00100	000 (CURRENT)	BASE	STD	EACH	DESKTOP COMPUTER SYSTEM

Option Categories

Required	1	MAIN DISK DRIVE ASSEMBLY
	2	AUXILIARY DISK DRIVE ASSEMBLY
	3	SECOND AUXILIARY DISK DRIVE
	4	HIGH SPEED CPU
	5	MEMORY PACKAGE
	6	COLOR DISPLAY PACKAGE
Required	7	NEW
Required	A	Lands Decals
	B	Rear Case Style
	G	Displacement
	M	USB Cables
	R	NEW
Required	Z	Performance Shock

Last Used: 9/30/2021 Yield Percentage: 98.000 % Max Lot Size: 100
Routing: DESKTOP

Component Item Code	Revision	Type	Quantity Per Bill	Unit of Measure	Scrap Percent	Description	Add Date	Engineering Change Number	Delete Date	Engineering Change Number	Find Number	Step Number
6555			2.00	EACH	0.000 %	PRINTER STAND W/ BASKET						
ARS-9301			1.00	EACH	0.000 %	ART SPECIALTY BRONZE LAMP						
D1000-LHLOCK			2.00	EACH	0.000 %	LOCK SET FOR LEFT-HAND DRAWERS						
WJ-M-2109-A			2.00	BOX	0.000 %	POST BINDER 3/16 X 1/2 (100)						

Bill Number	Revision	Option	Type	Unit of Measure	Description
DSKTP-00100	000 (CURRENT)	1-01	STD	EACH	5 1/4 INCH DISK DRIVE ASSEMBLY

Last Used: 9/30/2021 Yield Percentage: 98.000 % Max Lot Size: 100 Price: 0.00

Bill Number	Revision	Option	Type	Unit of Measure	Description
DSKTP-00100	000 (CURRENT)	1-02	STD	EACH	3 1/2 INCH DISK DRIVE ASSEMBLY

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

S Production History Report

1 / 1

Main Report

Production History Report
Sorted by Entry Number

Bill Of Materials (BEO)


Entry Number	Production Date	Bill Number	Options	Revision	Type	Effective Date	Quantity	Unit of Measure	Whse	Lot/Serial Number	Register Number
0000002	9/12/2018	DSKTP-00100		000	STD	9/12/2018	0.00	EACH	000		BIM-000002
<div style="border: 1px solid blue; padding: 5px;"> BASE DESKTOP COMPUTER SYSTEM 1 - 04 500 MEGABYTE HARD DISK ASSEMBLY 2 - 01 5 1/4 INCH DISK DRIVE ASSEMBLY 3 - 02 3 1/2 INCH DISK DRIVE ASSEMBLY 4 - 02 25 MHZ CPU 5 - 01 8 MGB MEMORY PACKAGE 6 - 02 PGA PROFESSIONAL GRAPHICS SUPER HI-RES SYSTEM 7 - 02 DESKTOP COMPUTER SYSTEM A - 03 DESKTOP COMPUTER SYSTEM Z - 01 DESKTOP COMPUTER SYSTEM </div>											

Component Item Code	Description	Revision	Unit of Measure	Whse	Quantity Per Bill	Extended Quantity	Unit Cost	Extended Cost	G/L Account
1001-RON-R252	HON 2 DRAWER LETTER FILE W/O LK		EACH	000	2.00	0.00	0.000	0.00	
2558-3-25	DESK FILE 3 1/2" CAP 25		EACH	000	3.00	0.00	0.000	0.00	
6650-26-16-11	SOUND CVR 26"W 16"D 11"H DM		EACH	000	2.00	0.00	0.000	0.00	
6652-26-24-15	SOUND CVR 26"W 24"D 15"H LQ		EACH	000	3.00	0.00	0.000	0.00	
6655	PRINTER STAND W/ BASKET		EACH	000	5.00	0.00	0.000	0.00	
ARIS-9301	ART SPECIALTY BRONZE LAMP		EACH	000	10.00	0.00	0.000	0.00	
D1000-LHLOCK	LOCK SET FOR LEFT-HAND DRAWERS		EACH	000	10.00	0.00	0.000	0.00	
D2000	DESK 84" X 48"		EACH	000	14.00	0.00	0.000	0.00	
WJ-M-2107-B	POST BINDER 3/8 X 1 (100)		BOX	000	1.00	0.00	0.000	0.00	

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

The Component Requirement and Gross Requirements reports allow for entry of Options from A to Z on the report selection screen.

S Component Requirement Report (BEO) 9/12/2018

Report Setting: STANDARD  Save





Description: Component Requirement Report

Setting Options

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

Default Report: ☒ Three Hole Punch ☐ Collated ☒

Print Shortages Only ☐ Round Extended Quantity for Integer Units of Measure ☐

Quick Row: 1    

	Bill Number	Revision	Bill Options	Bill Format	Quantity
1	DSKTP-00100	000	04,01,02,02, ,02,	Single	1.00
2					.00

Description 1: DESKTOP COMPUTER SYSTEM


Description 2:

Current Revision: ☒

Component Whse: 000

Microsoft XPS Document Writer

Keep Window Open After: Print ☐ Preview ☐

Print Preview Setup 

Here is an example of printout:

S Component Requirement Report

Options <04,01,02,02,02,02,03,01>, As of 9/12/2018, Warehouse: 000

Bill Of Materials (BEO)

Bill Number	Option	Revision	Type	Description	Unit of Measure	Quantity Required	Yield Percent	Quantity To Produce
DSKTP-00100	BASE	000	Standard	DESKTOP COMPUTER SYSTEM	EACH	1.00	98.000 %	1.02
	1-04			500 MEGABYTE HARD DISK ASSEMBLY				
	2-01			5 1/4 INCH DISK DRIVE ASSEMBLY				
	3-02			3 1/2 INCH DISK DRIVE ASSEMBLY				
	4-02			25 MHZ CPU				
	6-02			PGA PROFESSIONAL GRAPHICS SUPER HI-RES SYSTEM				
	7-02			DESKTOP COMPUTER SYSTEM				
	A-03			DESKTOP COMPUTER SYSTEM				
	Z-01			DESKTOP COMPUTER SYSTEM				

Component Item Code	Revision	Type	Description	Unit of Measure	Quantity Per Bill	Scrap Percent	Quantity Required	Quantity Available	Quantity Short
1001-HON-H252			HON 2 DRAWER LETTER FILE W/O LK	EACH	2.00		2.04	2,677.00	
2568-3-25			DESK FILE 3 1/2" CAP 25	EACH	2.04	2.000 %	2.08	1,225.00	
6650-28-16-11			SOUND CVR 28"W 16"D 11"H DM	EACH	2.00		2.04	59.00	
6652-28-24-15			SOUND CVR 28"W 24"D 15"H LQ	EACH	2.00	0.009 %	2.04	25.00	
6655			PRINTER STAND W/ BASKET	EACH	4.00	0.002 %	4.08	20.00	
ARS-9301			ART SPECIALTY BRONZE LAMP	EACH	9.00		9.18	82.00	
D1000-LHLOCK			LOCK SET FOR LEFT-HAND DRAWERS	EACH	9.00	0.006 %	9.18	0.00	9.18
D2000			DESK 84" X 48"	EACH	13.00	0.009 %	13.27	0.00	13.27
WJ-M-2107-B			POST BINDER 3/8 X 1 (100)	BOX	1.00		1.02	204.00	

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

Bill of Materials View

The Business Insights Explorer Bill of Materials View has been modified to display the additional A-Z Option Categories.

Sage 100 Business Insights Explorer - Bill of Materials

File Edit View Data Preview Explore Tasks Tools Help

Back Setting Standard

Navigation Pane

Preview

- Component Lines
- Component Lines with Phantom
- Bill Option Categories**
- Bill Options

Select Preview Setting...

Preview

Explore

Tasks

Look For: Search In (All Columns) Find Next

Bill of Materials

Data Grid Chart

Drag a column header here to group by that column

Bill Number	Description 1	Description 2	Type	Revision	Current Bill Revision	Date Last Used	Routing No.	Bill H
2480-8-50	DESK FILE 8" CAP 50		Standard	000	000			Yes
6655	PRINTER STAND W/ BASK		Standard	000	000			Yes
DSKTP-00100	DESKTOP COMPUTER SYS		Standard	000	000	09/30/2021	DESKTOP	Yes

<Filter is Empty> Filter Builder...

Bill Option Categories

Option Category 1	Option 1 Required	Option Category 2	Option 2 Required	Option Category 3	Option 3 Required	Option Category 4
MAIN DISK DRIVE ASSEMB	Yes	AUXILIARY DISK DRIVE AS	No	SECOND AUXILIARY DISK	No	HIGH SPEED CPU

Bill of Materials usering BEO 44 rows 1 rows

Sales Order

Sales Order Entry and **Invoice Data Entry** programs have been modified to prompt for the additional Option Categories. The Option Selection screen is opened allowing the user to select additional Option Categories.

The screenshot shows the 'Sales Order Entry (BEO) 9/12/2018' window. The 'Order Number' is 0000201. The 'User' is useriig. The 'Option Selection' dialog box is open, displaying the following information:

Bill Number: DSKTP-00100
Revision: 000
DESKTOP COMPUTER SYSTEM

	Option Category	Required	Option	Option Description
1	MAIN DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>	01	5 1/4 INCH DISK DRIVE ASSEMBLY
2	AUXILIARY DISK DRIVE ASSEMBLY	<input type="checkbox"/>	02	3 1/2 INCH DISK DRIVE ASSEMBLY
3	SECOND AUXILIARY DISK DRIVE	<input type="checkbox"/>	02	3 1/2 INCH DISK DRIVE ASSEMBLY
4	HIGH SPEED CPU	<input type="checkbox"/>		
5	MEMORY PACKAGE	<input type="checkbox"/>	03	DESKTOP COMPUTER SYSTEM
6	COLOR DISPLAY PACKAGE	<input type="checkbox"/>	02	PGA PROFESSIONAL GRAPHICS
7	NEW	<input checked="" type="checkbox"/>	02	DESKTOP COMPUTER SYSTEM
8	Lardo Decals	<input checked="" type="checkbox"/>	03	DESKTOP COMPUTER SYSTEM
9	Rear Case Style	<input type="checkbox"/>		
10	Displacement	<input type="checkbox"/>		

Buttons: OK, Cancel, ?

When the Sales Order is moved to the History the additional Option Categories are moved to the Sales Order History and can be viewed in the **Sales Order/Quote History Inquiry**.

Picking Sheet Printing

The **Picking Sheet Printing** program has been modified to print additional (A-Z) Option Categories.

Picking Sheet Printing

Warehouse: 000 CENTRALWAREHOUSE

OrderNumber: 0000201 OrderDate: 9/12/2018
 CustomerNumber: 01-ABF Salesperson: 0100

Sold To:
 American Business Futures
 2131 N. 14th Street
 Suite 100
 Accounting Department
 Milwaukee, WI 53205-1204
 Confirm To: John Quinn

Ship To:
 American Business Futures
 Racine Warehouse
 5411 Kendrick Place
 Racine, WI 53120

Customer P.O.	Ship VIA	F. O. B.	Terms
	UPS RED		Net 30 Days

Location	Item Code	Unit	Ordered	Shipped	Backordered
	DSKTP-00100	EACH	2.00		
	PRINTER STAND W/ BASKET				
Bill Option 1	Option Code: 01	5 1/4 INCH DISK DRIVE ASSEMBLY			
Bill Option 2	Option Code: 02	3 1/2 INCH DISK DRIVE ASSEMBLY			
Bill Option 3	Option Code: 02	3 1/2 INCH DISK DRIVE ASSEMBLY			
Bill Option 5	Option Code: 03	DESKTOP COMPUTER SYSTEM			
Bill Option 6	Option Code: 02	PGAPROFESSIONAL GRAPHICS			
Bill Option 7	Option Code: 02	DESKTOP COMPUTER SYSTEM			
Bill Option A	Option Code: 03	DESKTOP COMPUTER SYSTEM			
Bill Option Z	Option Code: 01	DESKTOP COMPUTER SYSTEM			

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

Sales Order Printing

The Sales Order Printing program has been modified to print additional A-Z Option Categories.

The screenshot shows a window titled "Sales Order Printing" with a toolbar and a main report area. The main report area displays a bill of materials for a printer stand with various options. The report includes a header section with company and warehouse information, a line item for the printer stand, and a list of options with their codes and descriptions. The status bar at the bottom indicates the current page number, total page number, and zoom factor.

Bill Of Materials 0000201
9/12/2018

0100
01-ABF

American Business Futures
2131 N. 14th Street
Suite 100
Accounting Department
Milwaukee, WI 53205-1204

American Business Futures
Racine Warehouse
5411 Kendrick Place
Racine, WI 53120

John Quinn

UPS RED Net 30 Days

DSKTP-00100	EACH	2.00	0.00	0.00	179.000	358.00
-------------	------	------	------	------	---------	--------

PRINTER STAND W/ BASKET Whse: 000

Bill Option 1 Option Code: 01 5 1/4 INCH DISK DRIVE ASSEMBLY

Bill Option 2 Option Code: 02 3 1/2 INCH DISK DRIVE ASSEMBLY

Bill Option 3 Option Code: 02 3 1/2 INCH DISK DRIVE ASSEMBLY

Bill Option 5 Option Code: 03 DESKTOP COMPUTER SYSTEM

Bill Option 6 Option Code: 02 PGAPROFESSIONAL GRAPHICS

Bill Option 7 Option Code: 02 DESKTOP COMPUTER SYSTEM

Bill Option A Option Code: 03 DESKTOP COMPUTER SYSTEM

Bill Option Z Option Code: 01 DESKTOP COMPUTER SYSTEM

Current Page No.: 23 Total Page No.: 23 Zoom Factor: 100%

Printing of Option Categories A-Z is provided also in the **Invoice, Packing List and Invoice History Printings.**

RMA Entry

The **Option Categories A-Z** are supported also in **RMA Entry** and **RMA Receipt Entry**.

The screenshot shows the 'RMA Entry (BEO) 9/12/2018' window. The 'RMA Number' is 0000009. The '1. Header' tab is selected. Below the tabs is a toolbar with various icons and a 'Quick Row' dropdown set to 1. A table displays the RMA details:

	Invoice No.	Item Code	Return Reason	Cust Action	Return Qty	Item Action	Rep
1	0100057	DSKTP-00100	DEFECTIVE	Repair	2.00	None	

Below this is the 'Option Selection' dialog box. It shows 'Bill Number' DSKTP-00100 and 'Revision' 000. The 'DESKTOP COMPUTER SYSTEM' is selected. A table lists the options:

	Option Category	Required	Option	Option Description	Return
1	MAIN DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>	01	5 1/4 INCH DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>
2	AUXILIARY DISK DRIVE ASSEMBLY	<input type="checkbox"/>	02	3 1/2 INCH DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>
3	SECOND AUXILIARY DISK DRIVE	<input type="checkbox"/>	02	3 1/2 INCH DISK DRIVE ASSEMBLY	<input checked="" type="checkbox"/>
4	HIGH SPEED CPU	<input type="checkbox"/>			<input type="checkbox"/>
5	MEMORY PACKAGE	<input type="checkbox"/>	03	DESKTOP COMPUTER SYSTEM	<input checked="" type="checkbox"/>
6	COLOR DISPLAY PACKAGE	<input type="checkbox"/>	02	PGA PROFESSIONAL GRAPHICS	<input checked="" type="checkbox"/>
7	NEW	<input checked="" type="checkbox"/>	02	DESKTOP COMPUTER SYSTEM	<input checked="" type="checkbox"/>
8	Lardo Decals	<input checked="" type="checkbox"/>			<input type="checkbox"/>
9	Rear Case Style	<input type="checkbox"/>			<input type="checkbox"/>
10	Displacement	<input type="checkbox"/>			<input type="checkbox"/>

The dialog box has 'OK', 'Cancel', and a help icon at the bottom right.

Visual Integrator

The files listed below have been added, or changed, in the Data Dictionary by BEO enhancement for Visual Integrator purposes.

Tables

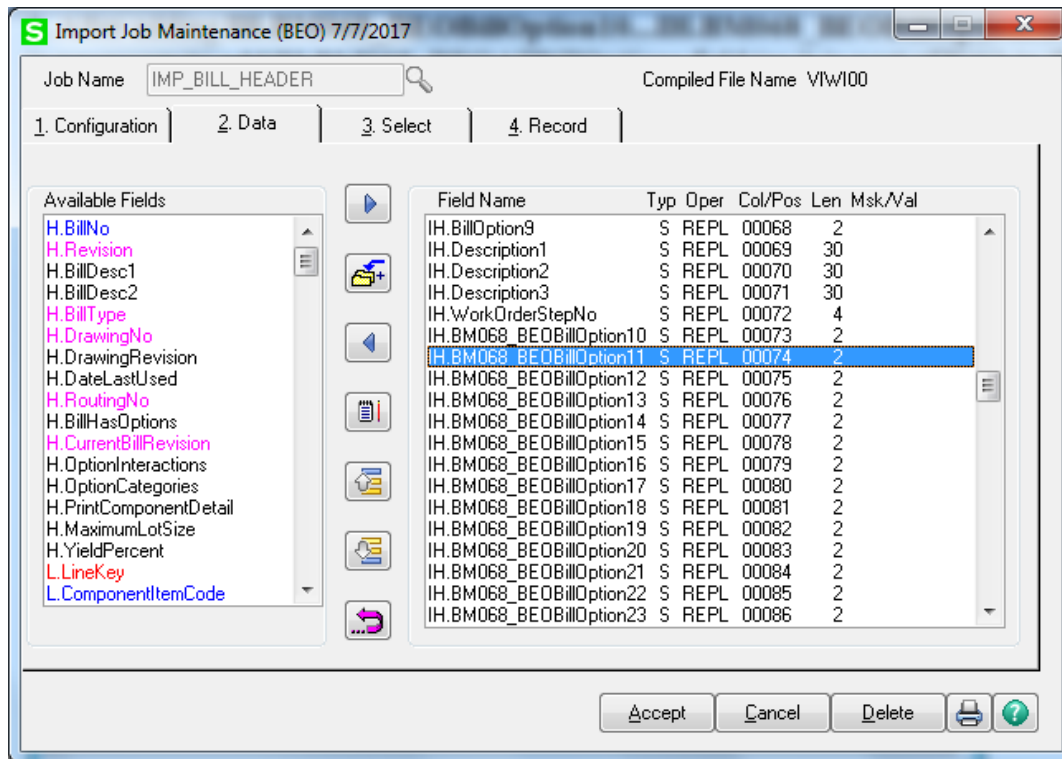
BM_ProductionHeader
BM_DisassemblyHeader
SO_SalesOrderHistoryDetail
AR_InvoiceHistoryDetail
RA_ReceiptsHistoryDetail

Fields

BM068_BEObillOption (10 -35)
BM068_BEObillOption (10 -35)
SO068_BEObillOption (10 -35)
AR068_BEObillOption (10 -35)
RA068_BEObillOption (10-35)

There are some specific rules to be followed when importing Option Interactions through Visual Integrator:

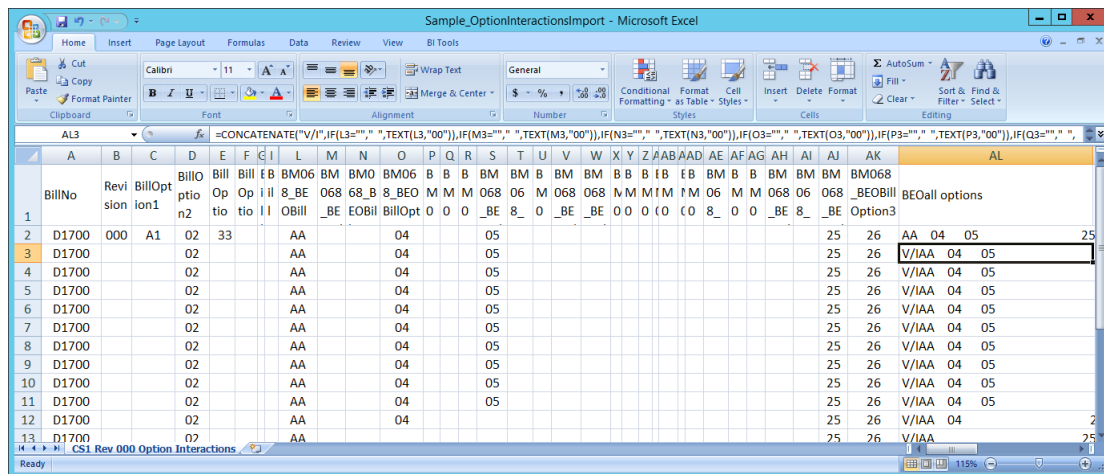
1. After adding **IH.BM068_BEObillOption10...IH.BM068_BEObillOption35** fields it is necessary to add IH.BM068_BEObillOptions field (as it is part of Key) in the "Import Job Maintenance"



In the import Excel file it is necessary to add the following formula as the

IH.BM068_BEOAllBillOptions field value:

```
=CONCATENATE("V/I",IF(L3="", " ",TEXT(L3,"00")),IF(M3="", " ",TEXT(M3,"00")),IF(N3="", " ",TEXT(N3,"00")),IF(O3="", " ",TEXT(O3,"00")),IF(P3="", " ",TEXT(P3,"00")),IF(Q3="", " ",TEXT(Q3,"00")),IF(R3="", " ",TEXT(R3,"00")),IF(S3="", " ",TEXT(S3,"00")),IF(T3="", " ",TEXT(T3,"00")),IF(U3="", " ",TEXT(U3,"00")),IF(V3="", " ",TEXT(V3,"00")),IF(W3="", " ",TEXT(W3,"00")),IF(X3="", " ",TEXT(X3,"00")),IF(Y3="", " ",TEXT(Y3,"00")),IF(Z3="", " ",TEXT(Z3,"00")),IF(AA3="", " ",TEXT(AA3,"00")),IF(AB3="", " ",TEXT(AB3,"00")),IF(AC3="", " ",TEXT(AC3,"00")),IF(AD3="", " ",TEXT(AD3,"00")),IF(AE3="", " ",TEXT(AE3,"00")),IF(AF3="", " ",TEXT(AF3,"00")),IF(AG3="", " ",TEXT(AG3,"00")),IF(AH3="", " ",TEXT(AH3,"00")),IF(AI3="", " ",TEXT(AI3,"00")),IF(AJ3="", " ",TEXT(AJ3,"00")),IF(AK3="", " ",TEXT(AK3,"00")))
```



ODBC Dictionary

The files listed below have been added or changed in the ODBC Dictionaries by this enhancement for Crystal Reports purposes.

Tables

BM_ComponentReqmntWrk

Fields

SortField
GroupField
BM068_BEOBillOption (10-35)
BM068_BEOBillOptionCat (10-35) Desc
BM068_BEOBillOption (10-35) OptDesc1
BM068_BEOBillOption (10-35) OptDesc2

BM_CostedMaterialsWrk	BM068_BEOSortField GroupField BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc BM068_BEOPBillOption (10-35) OptDesc1 BM068_BEOPBillOption (10-35) OptDesc2
BM_DisassemblyRegisterWrk	BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc
BM_GrossReqmntWrk	SortField BM068_BEOPBillOption (10-35) BM068_BEOSortField
BM_IndentedReportWrk	BM068_BEOPBillOptionCat (10-35) Desc BM068_BEOPBillOption (10-35) Required
BM_PickingSheetWrk	BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc
BM_ProductionHistWrk	BM068_BEOPBillOption (10-35) BM068_BEOPBillOption (10-35) OptDesc1 BM068_BEOPBillOption (10-35) OptDesc2
BM_ProductionRegisterWrk	BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc
BM_ProductionRegisterWrk	BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc
BM_ReplaceDeleteCompWork	BM068_BEOPBillOptionCat (10-35) Desc BM068_BEOPAllBillOptions BM068_BEOPBillOption (10-35)
BM_SingleLevelWrk	SortField BM068_BEOPBillOption (10-35) BM068_BEOPBillOptionCat (10-35) Desc BM068_BEOPBillOption (10-35) Required BM068_BEOSortField
BM_SummarizedReportWrk	BM068_BEOPBillOptionCat (10-35) Desc BM068_BEOPBillOption (10-35) Required
RA_CustomerRMAWrk	RA068_BEOPReplacRepairBillOpt (10-35) RA068_BEOPReplacOption (10-35) Desc
RA_RMAREceiverWrk	RA068_BEOPBillOption (10-35) RA068_BEOPOption (10-35) Desc
SO_InvoiceWrk	SO068_BEOPBillOption (10-35) SO068_BEOPOption (10-35) Desc
SO_PackingListWrk	SO068_BEOPBillOption (10-35) SO068_BEOPOption (10-35) Desc
SO_PickingSheetWrk	SO068_BEOPBillOption (10-35) SO068_BEOPOption (10-35) Desc
SO_SalesOrderWrk	SO068_BEOPBillOption (10-35) SO068_BEOPOption (10-35) Desc