Bill Extended Options
For Sage 100 2018

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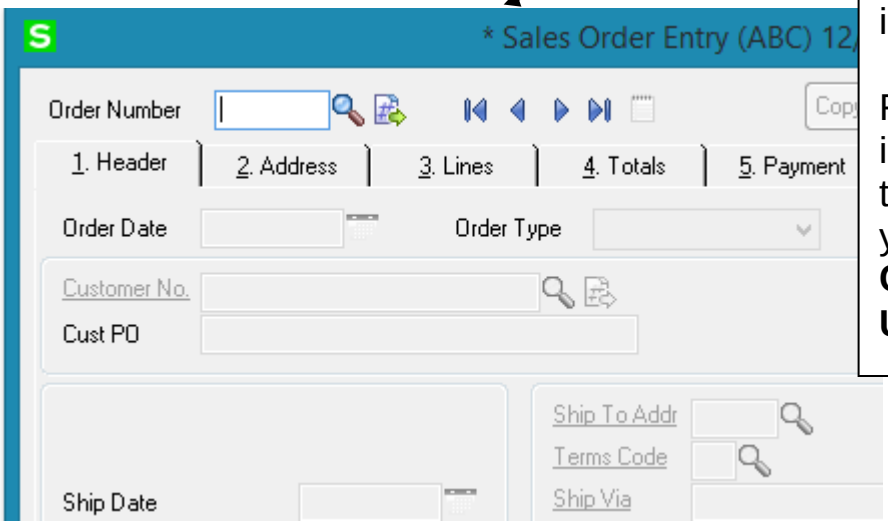
Installation Instructions and Cautions

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.

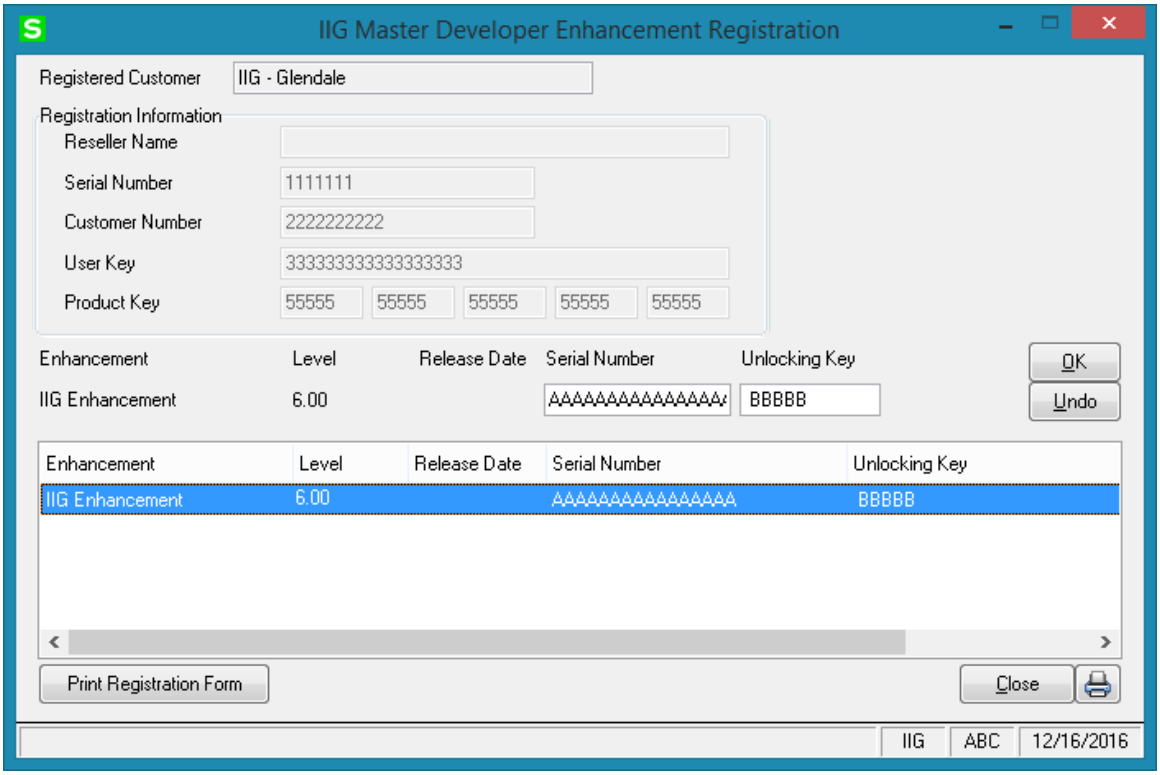
Follow all the instructions on this page before you run **Customizer Update**!

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**.



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

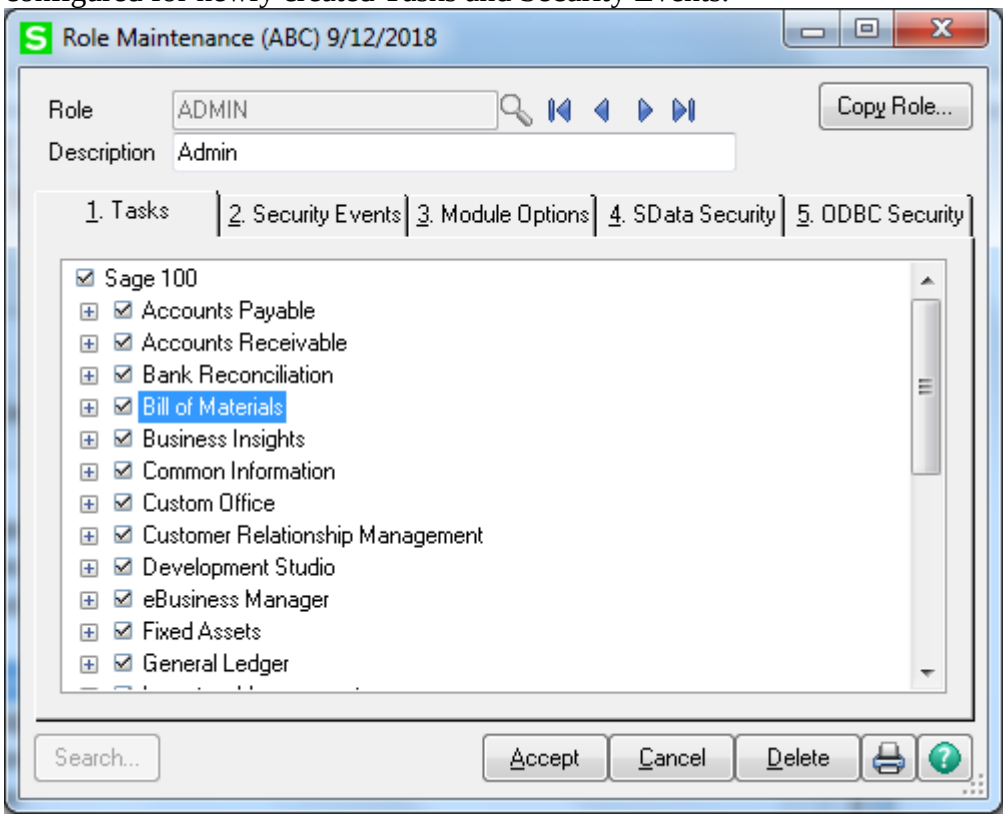
If multiple IIG Enhancements are installed, Serial Numbers and Unlocking Keys should be entered for each enhancement.
Use the **Print Registration Form** button to print IIG Registration Form.

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.

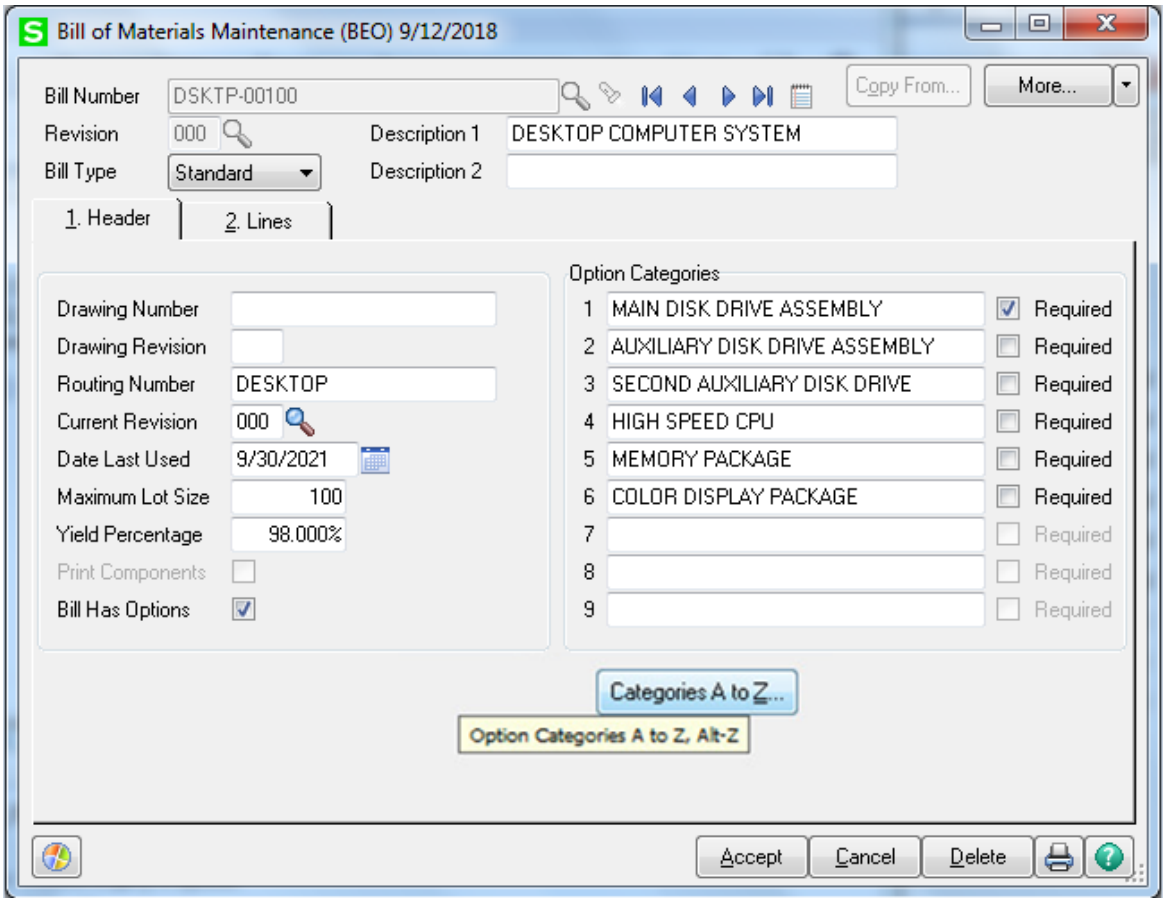


Introduction

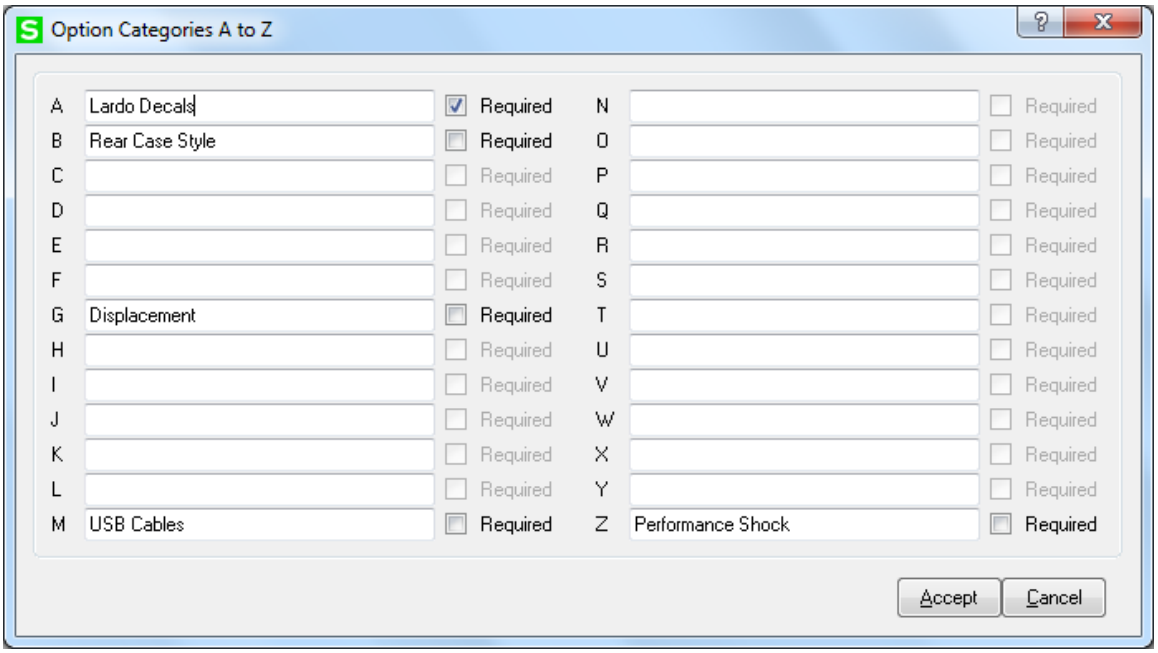
The BEO enhancement to Sage 100 Bill of Materials module adds 26 more (A – Z) categories to Bill of Materials and expands the Options Codes list to allow entry of the 35 categories.
These additional Option Categories are functional in the Bill of Materials and Sales Order modules, and only as described below.

Bill of Material Maintenance

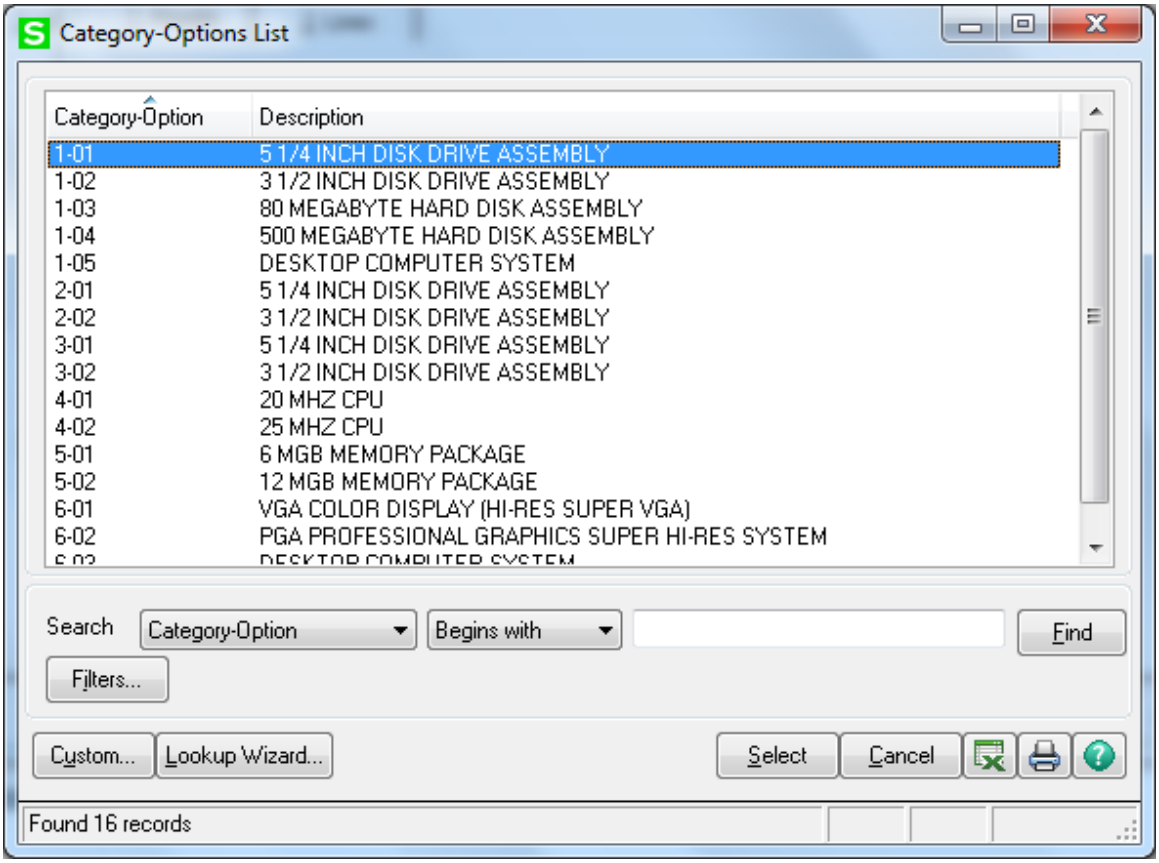
The **Categories A to Z** button has been added on the **Header** tab of the **Bill of Materials Maintenance**.
This button is enabled if the **Bill Has Options** flag is set.



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.'

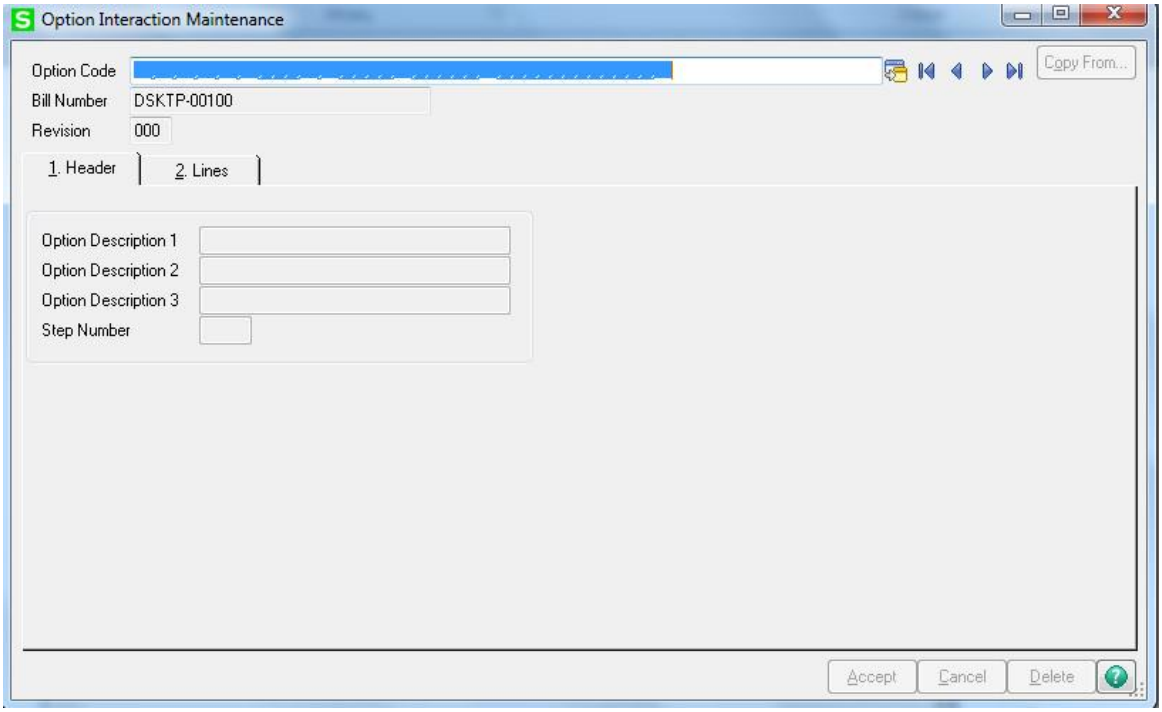


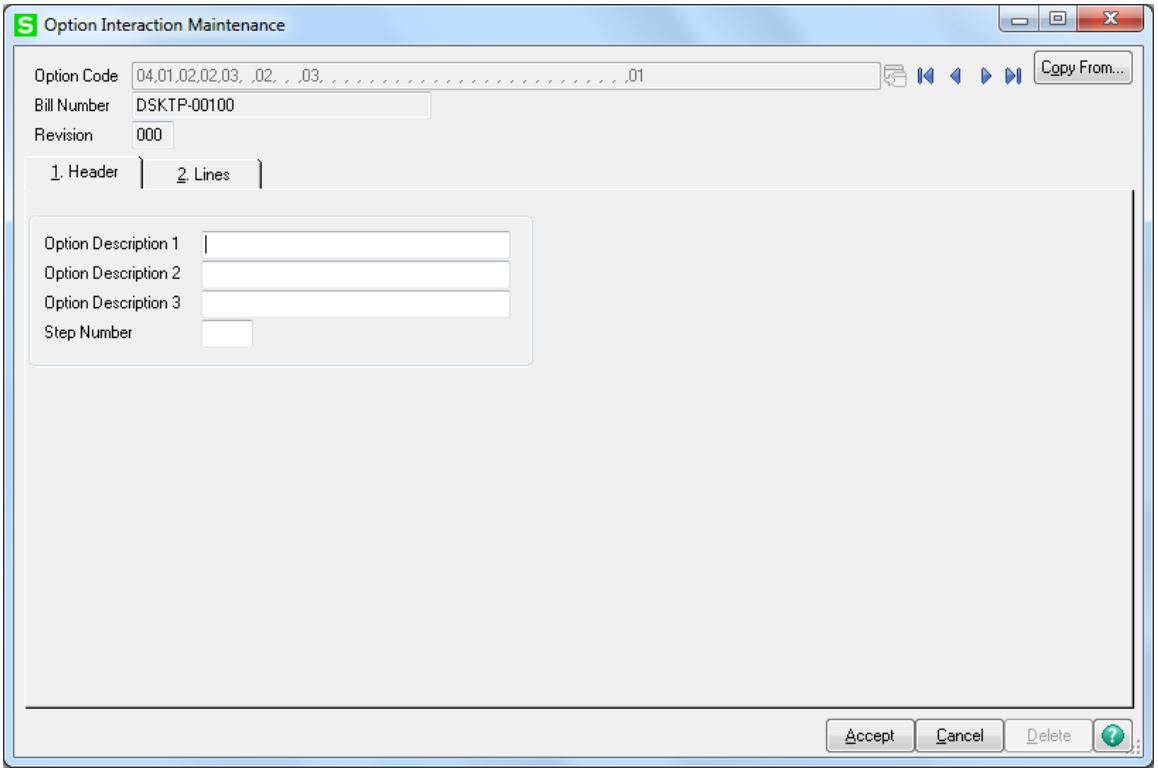
In the **Option Bill Maintenance** the user can assign Option Codes to all additional 26 Option Categories.


Category-Options List
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
Search
Category-Option
Begins with
Find
Filters...
Custom...
Lookup Wizard...
Select
Cancel
Found 16 records

Option Interaction Maintenance

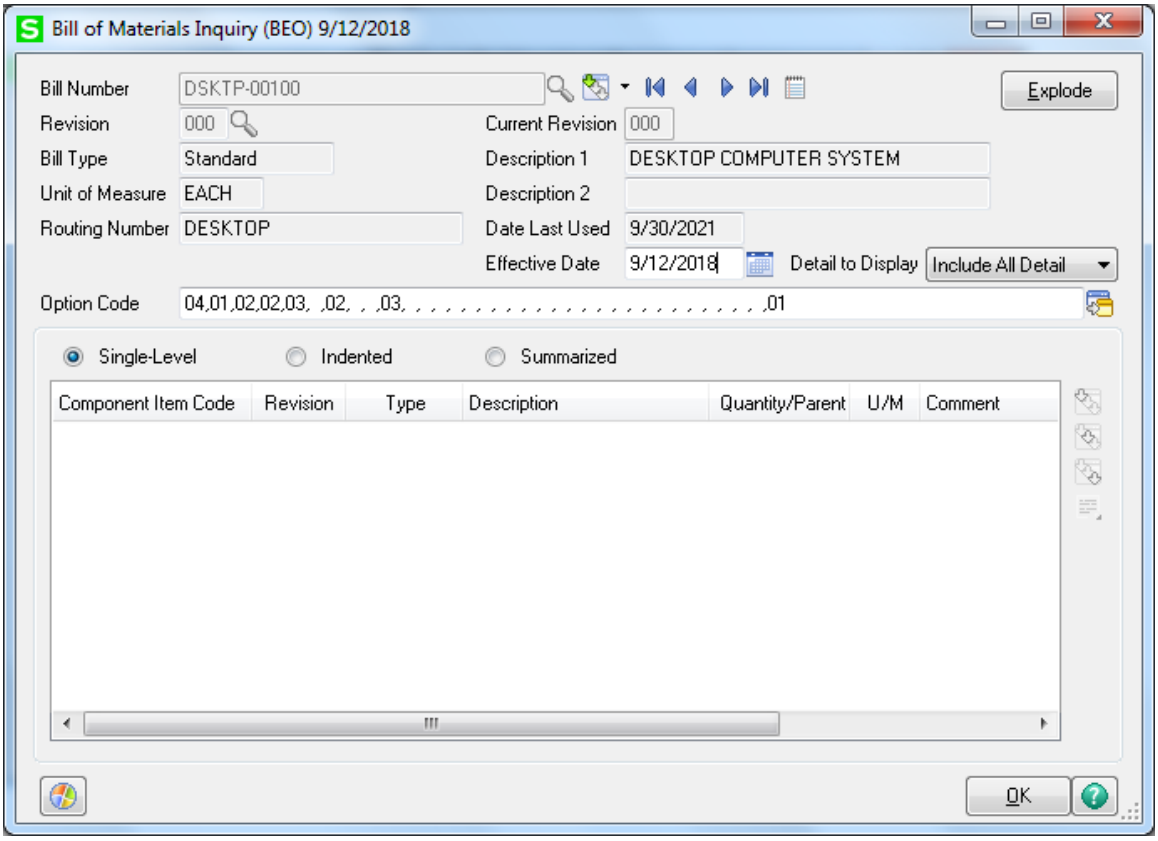
The **Option Selection** button in the **Option Interaction Maintenance** allows for entry of the new Categories and displays all of the selected Option Codes in an expanded Option Codes selected field.

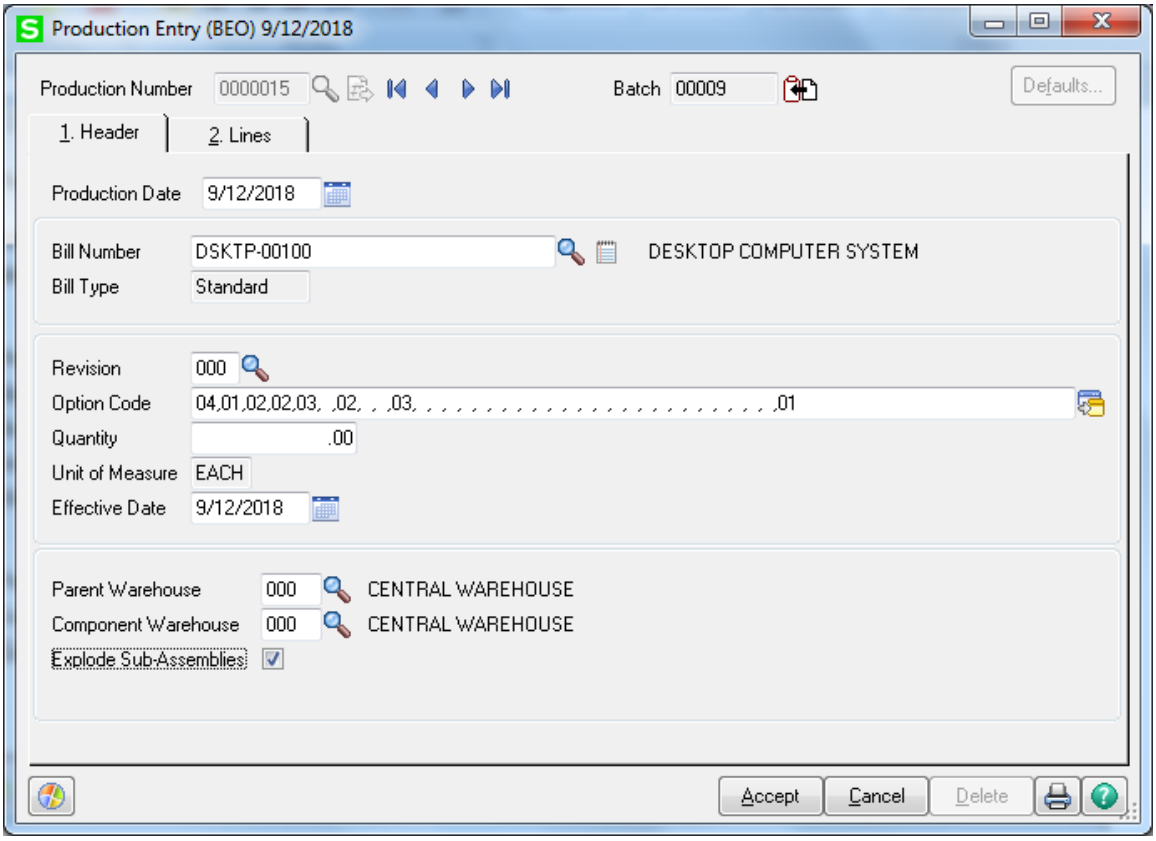




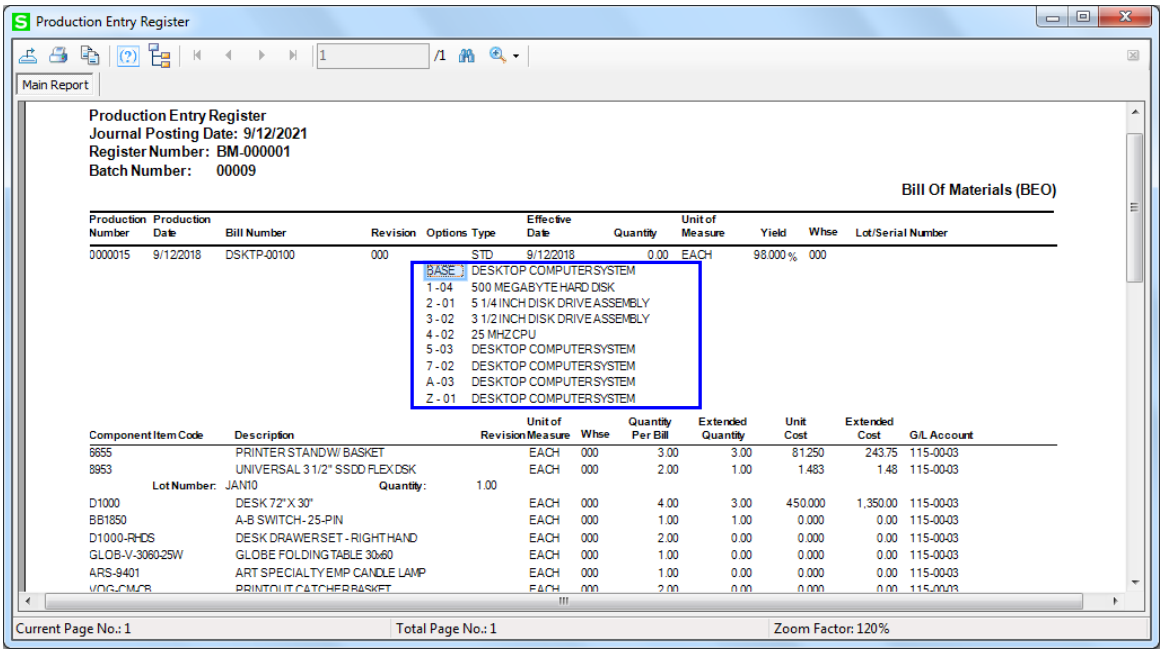
Bill of Materials Inquiry

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


Bill of Materials Inquiry (BEO) 9/12/2018
Bill Number
DSKTP-00100
Explode
Revision
000
Current Revision
000
Bill Type
Standard
Description 1
DESKTOP COMPUTER SYSTEM
Unit of Measure
EACH
Description 2
Routing Number
DESKTOP
Date Last Used
9/30/2021
Effective Date
9/12/2018
Detail to Display
Include All Detail
Option Code
04,01,02,02,03, ,02, , ,03, , , ,

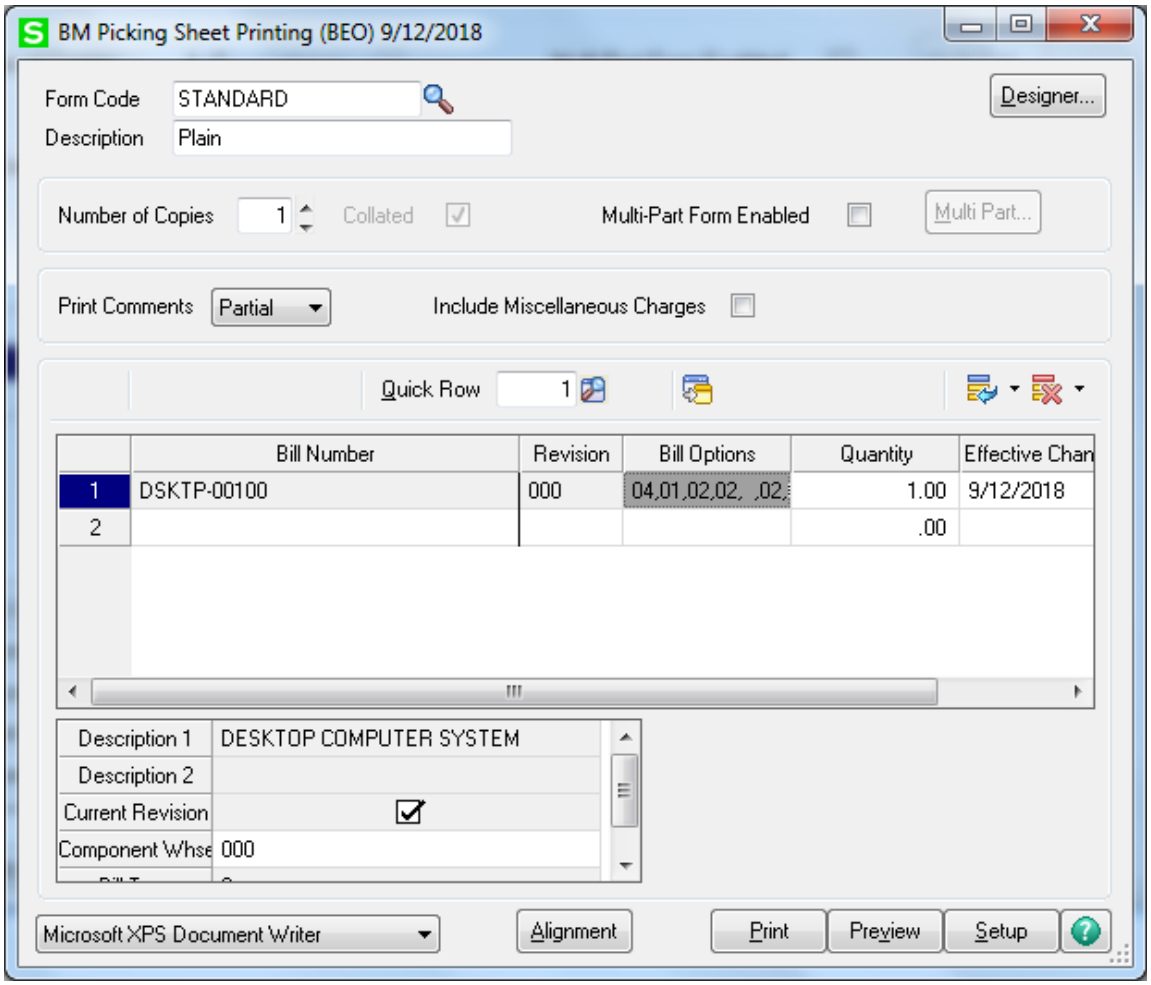


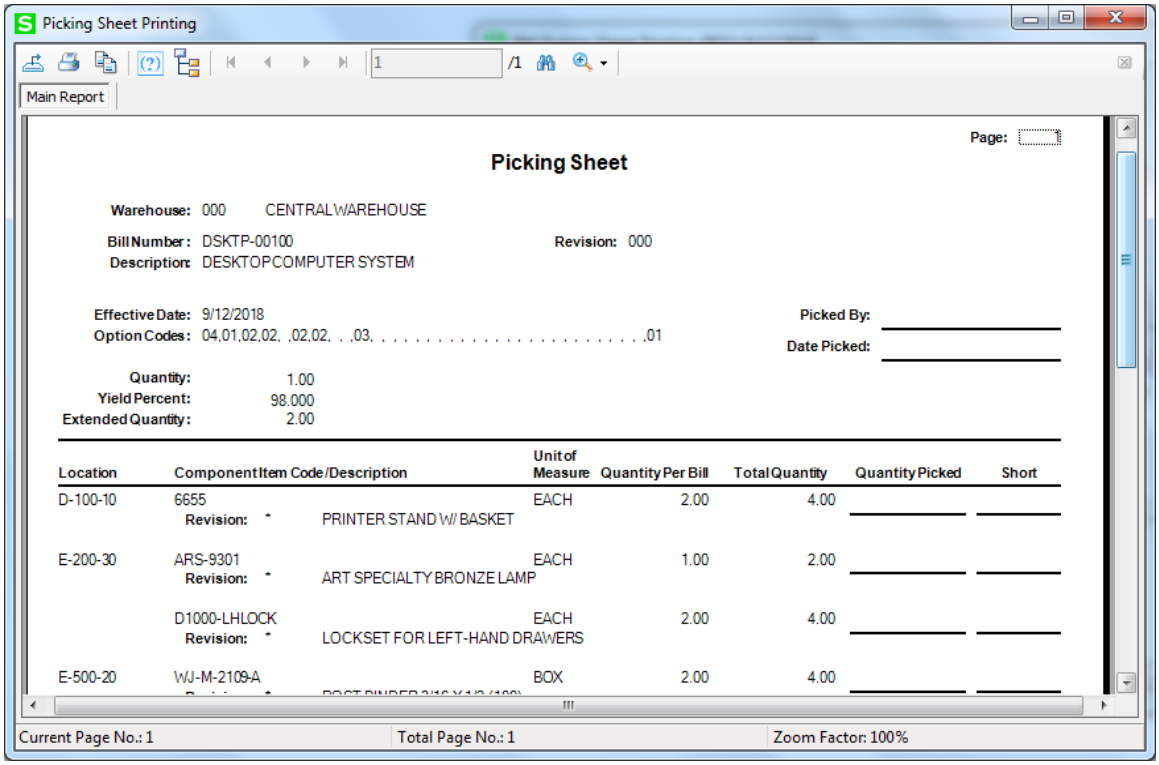
The additional Option Categories are printed on the **Production Entry Register**.



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

B/M Picking Sheet Printing

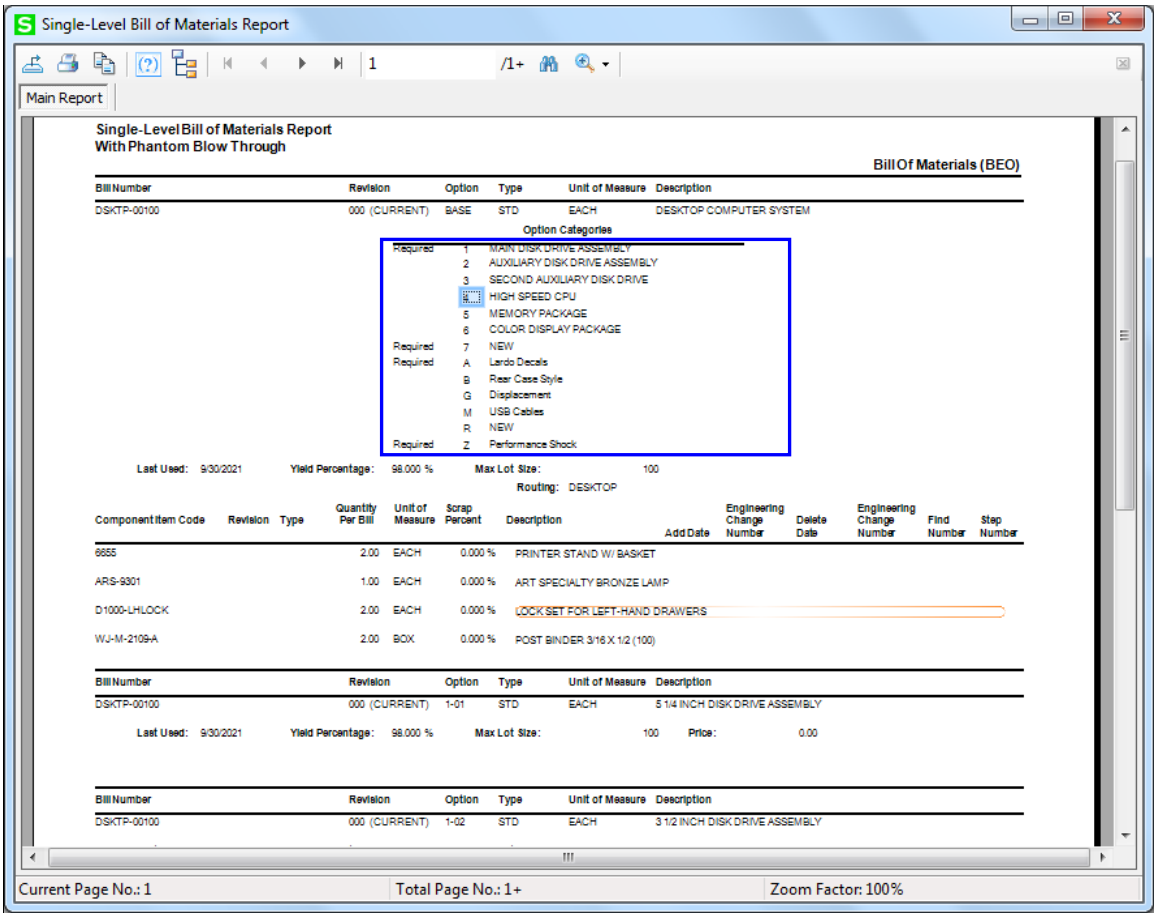


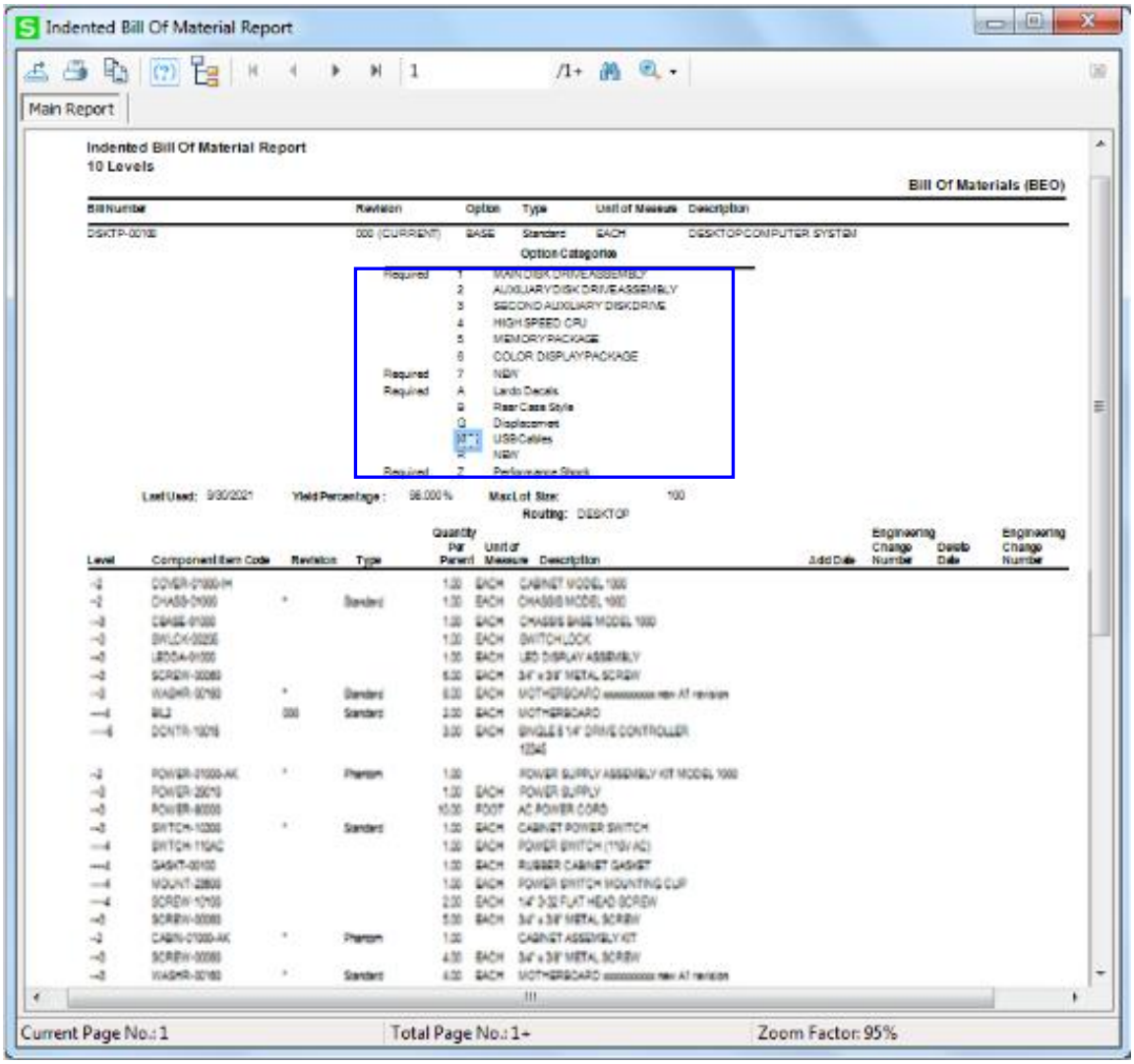

Picking Sheet Printing
Main Report
Page:
Picking Sheet
Warehouse: 000 CENTRAL WAREHOUSE
Bill Number: DSKTP-00100
Revision: 000
Description: DESKTOP COMPUTER SYSTEM
Effective Date: 9/12/2018
Option Codes: 04,01,02,02, ,02,02, , ,03, ... ,01
Picked By:
Date Picked:
Quantity: 1.00
Yield Percent: 98.000
Extended Quantity: 2.00
Location
Component Item Code /Description
Unit of Measure
Quantity Per Bill
Total Quantity
Quantity Picked
Short
D-100-10 6655 EACH 2.00 4.00
Revision: * PRINTER STAND W/ BASKET
E-200-30 ARS-9301 EACH 1.00 2.00
Revision: * ART SPECIALTY BRONZE LAMP
D1000-LHLOCK EACH 2.00 4.00
Revision: * LOCKSET FOR LEFT-HAND DRAWERS
E-500-20 WJ-M-2109-A BOX 2.00 4.00
Current Page No.: 1
Total Page No.: 1
Zoom Factor: 100%

BOM Reports

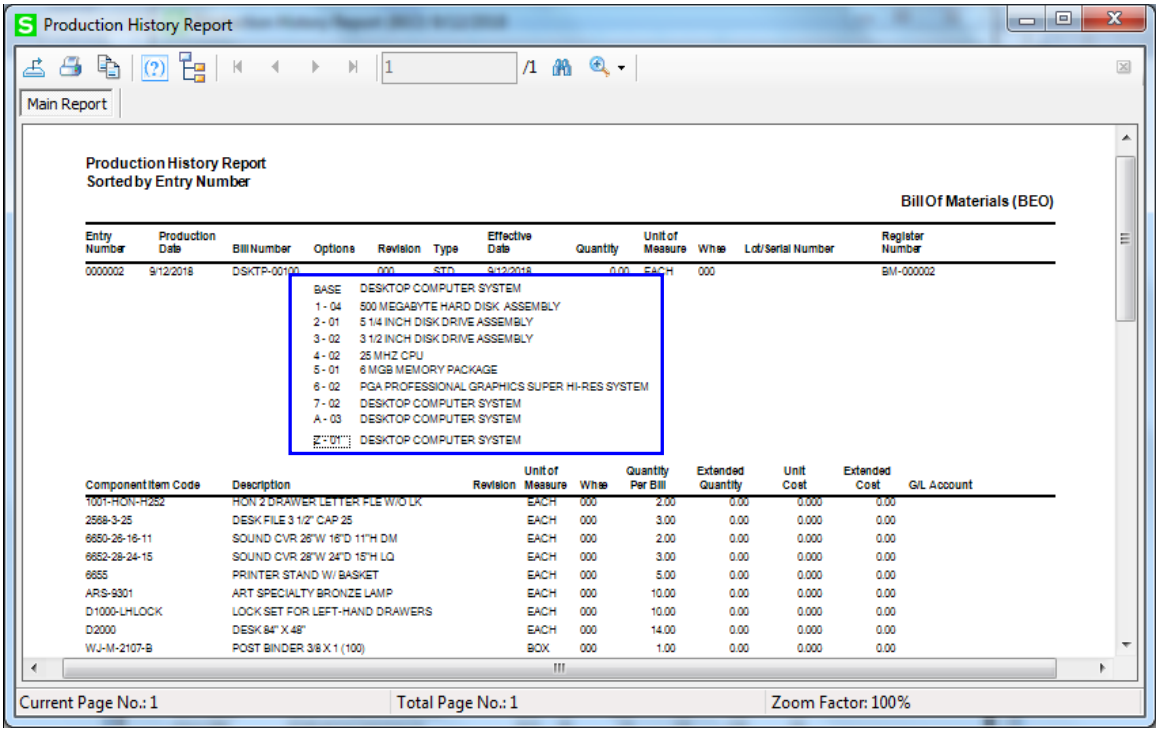
The following Reports have been modified to use the new A-Z Options Categories:
- Single Level Bill of Materials
- Indented Bill of Materials
- Summarized Bill of Materials
- Component Requirement
- Gross Requirements
- Costed Bill of Materials
- Bill Validation Report
- Production History Report

Here are the printouts for some of those reports:

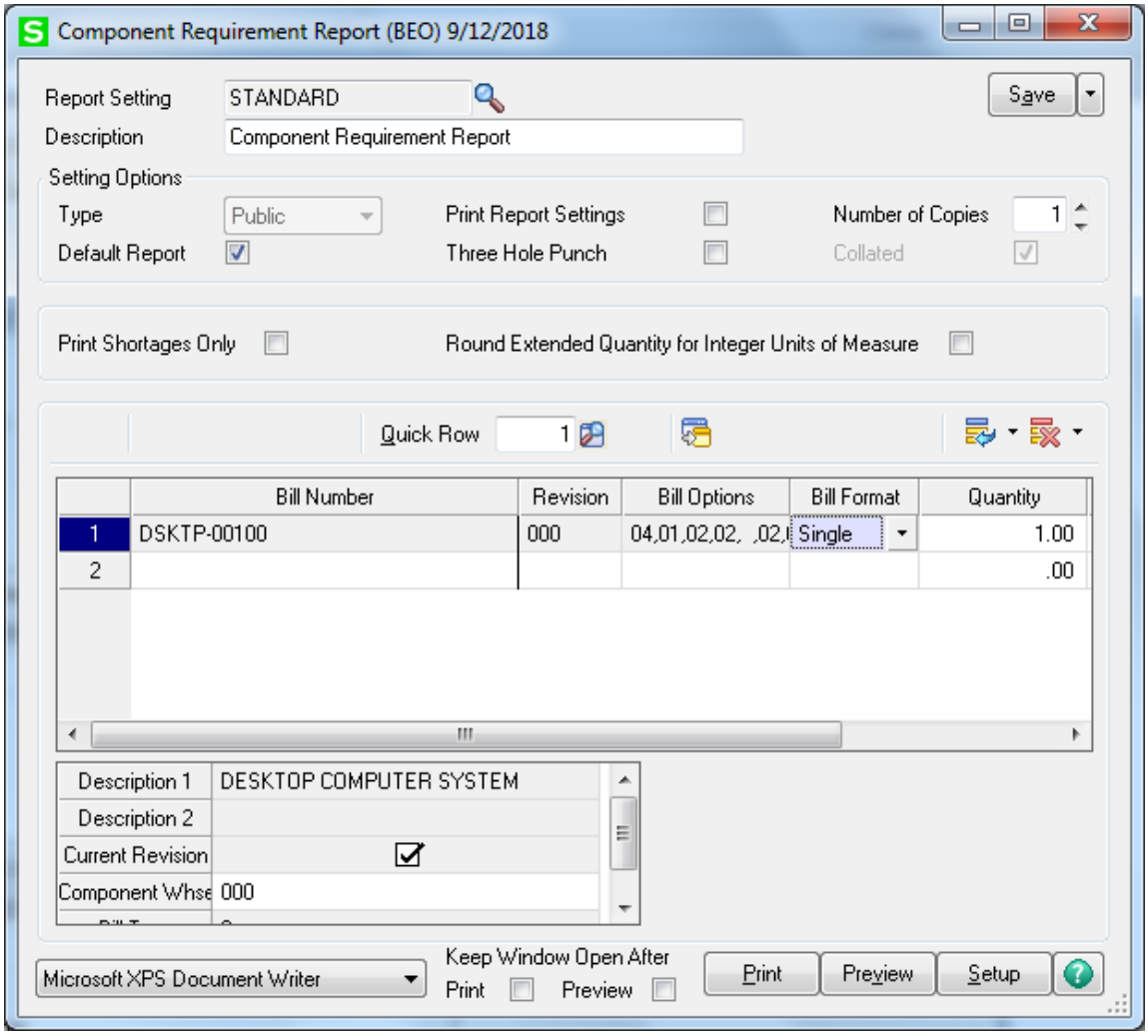




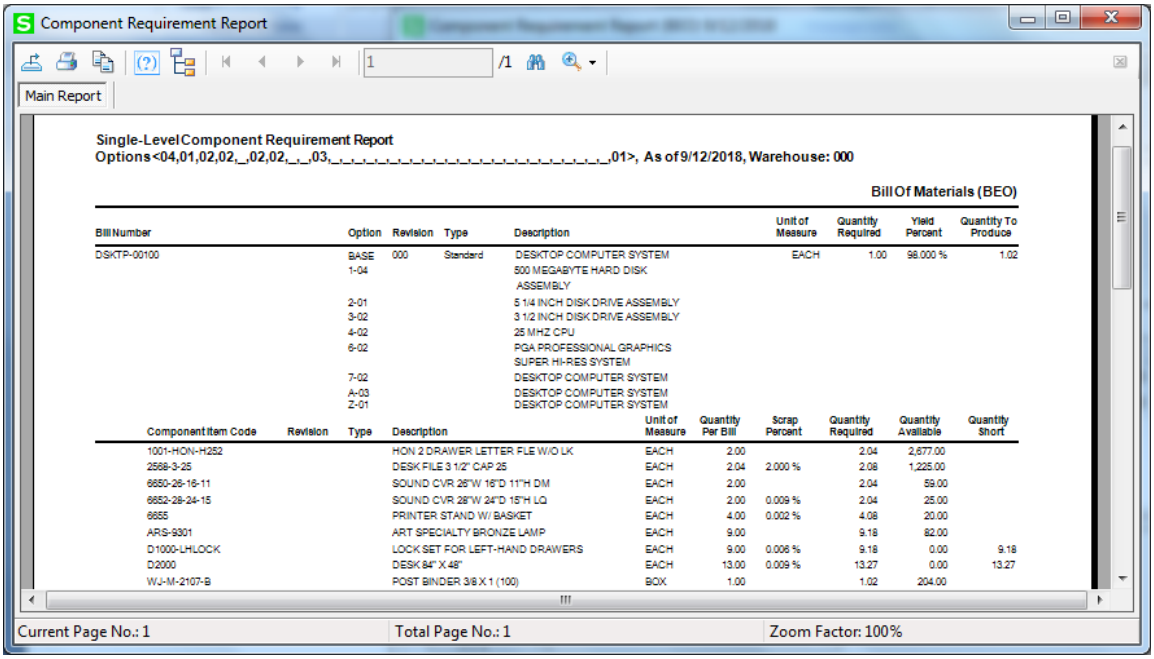
Indented Bill Of Material Report
Main Report
Indented Bill Of Material Report
10 Levels
Bill Of Materials (BEO)
Bill Number
Revision
Option
Type
Unit of Measure
Description
DSKTP-00100
000 (CURRENT)
BASE
Standard
EACH
DESKTOP COMPUTER SYSTEM
Option Categories
Required 1 MAIN DISK DRIVE ASSEMBLY
2 AUXILIARY DISK DRIVE ASSEMBLY
3 SECOND AUXILIARY DISK DRIVE
4 HIGH SPEED CPU
5 MEMORY PACKAGE
6 COLOR DISPLAY PACKAGE
Required 7 NEW
Required A Lardo Decals
B Rear Case Style
C Displacement
D USB Cables
E NEW
Required Z Performance Shock
Last Used: 9/30/2021
Yield Percentage: 98.000 %
Max Lot Size: 100
Routing: DESKTOP
Level
Component Item Code
Revision
Type
Quantity Per Parent
Unit of Measure
Description
Add Date
Engineering Change Number
Delete Date
Engineering Change Number
Current Page No.: 1
Total Page No.: 1+
Zoom Factor: 95%



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

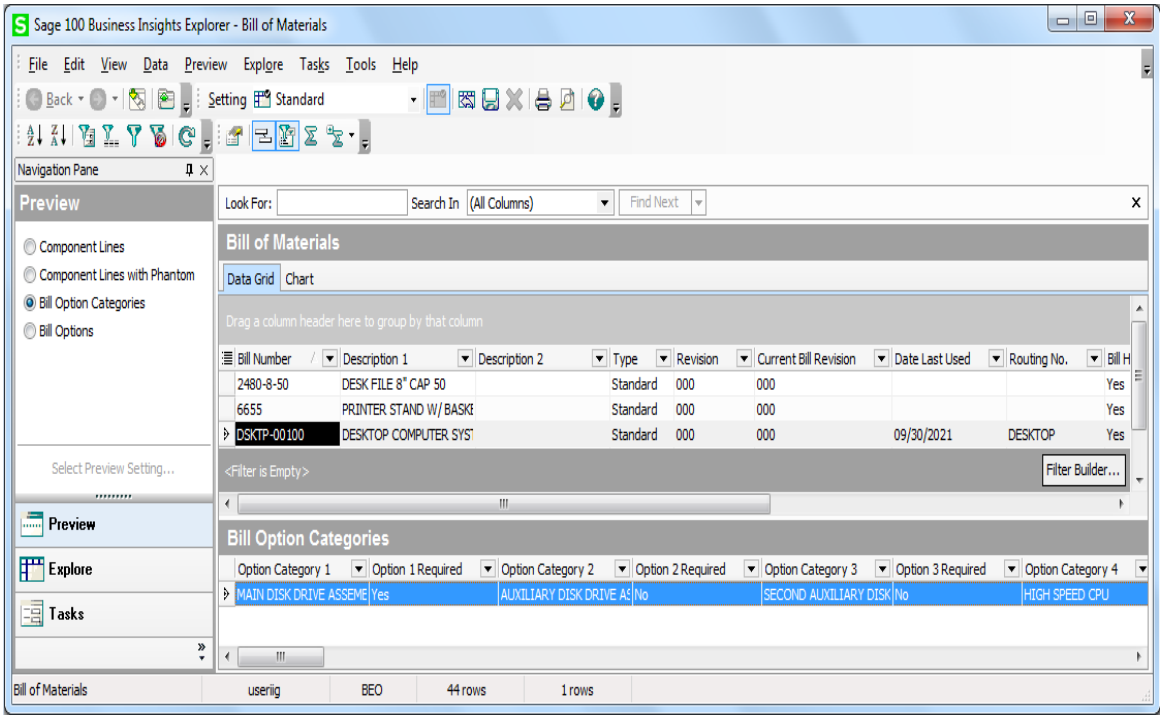


Here is an example of printout:


Component Requirement Report
Main Report
Single-Level Component Requirement Report
Options <04,01,02,02,_,02,02,_,_,03,_,_,_

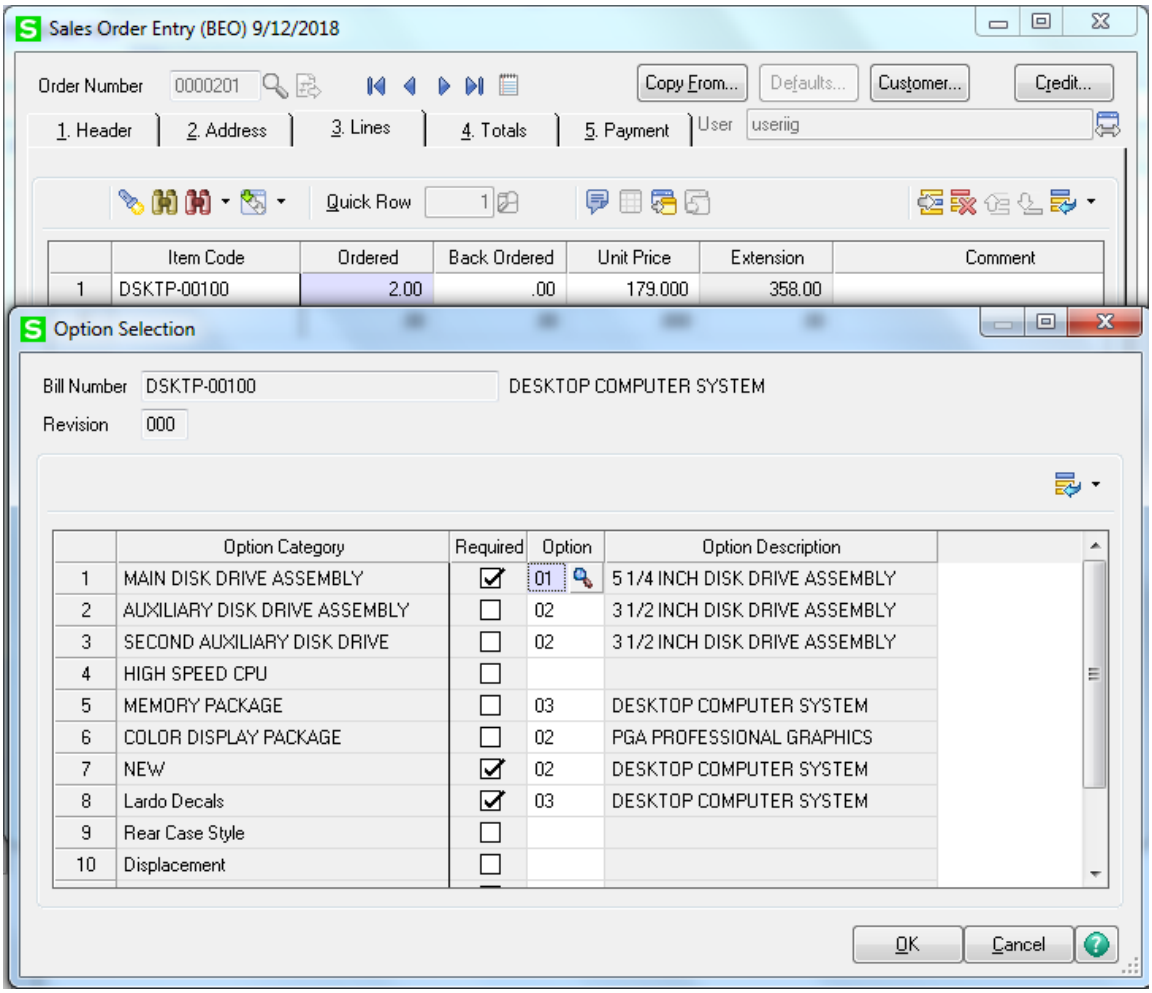
Bill of Materials View

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



Sales Order

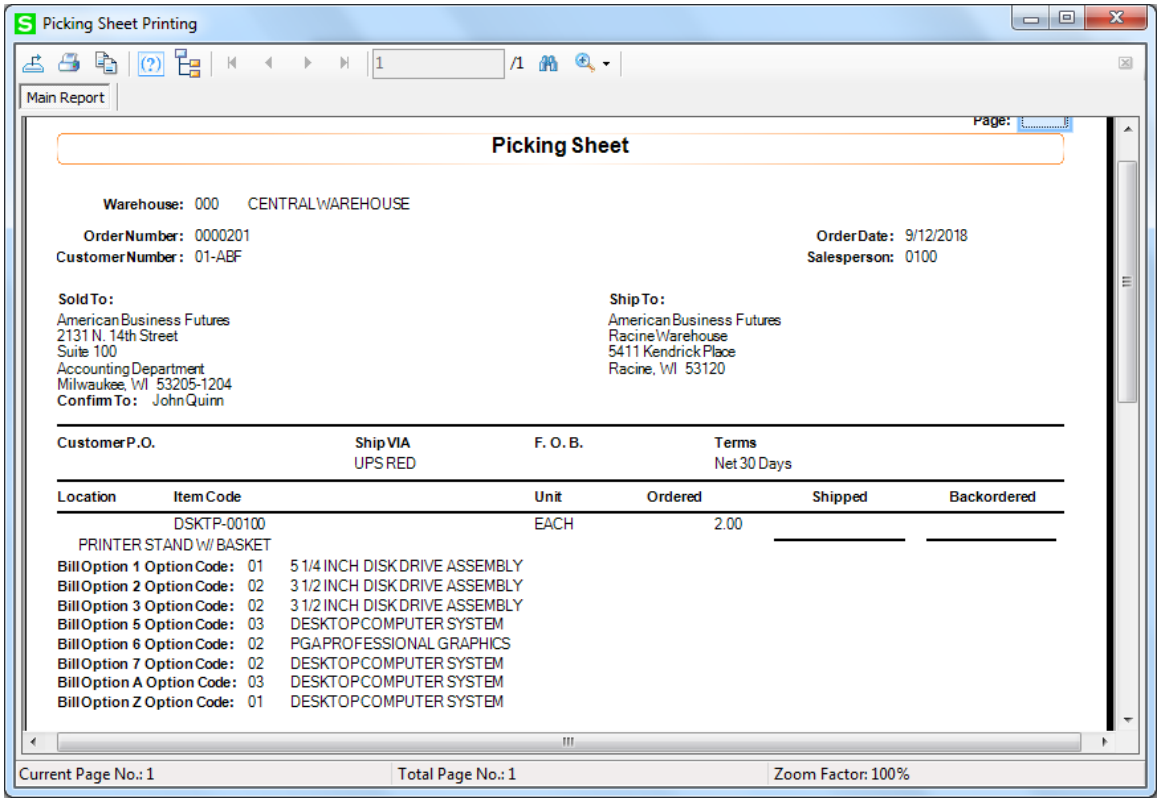
Sales Order Entry and **Invoice Data Entry** programs have been modified to prompt for the additional Option Categories. The Option Selection screen is opened allowing the user to select additional Option Categories.



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.**

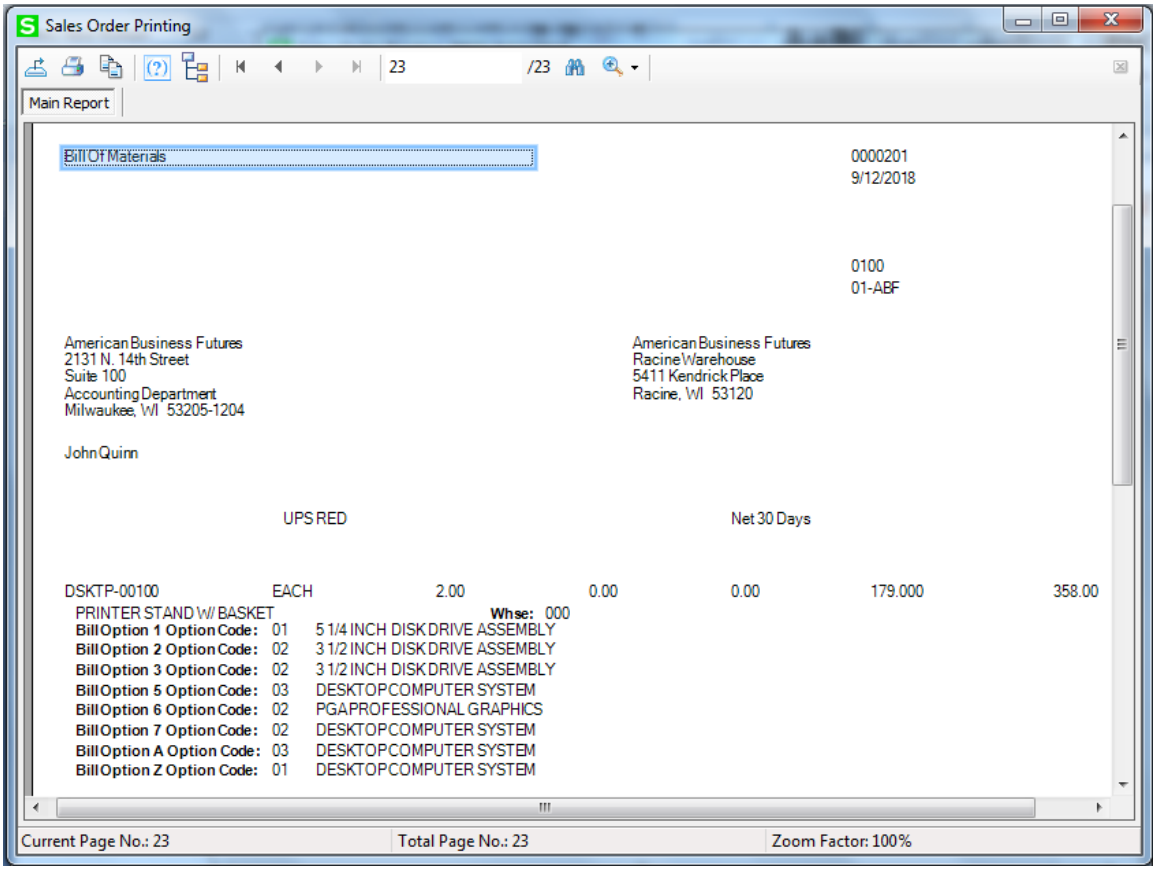
Picking Sheet Printing

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



Sales Order Printing

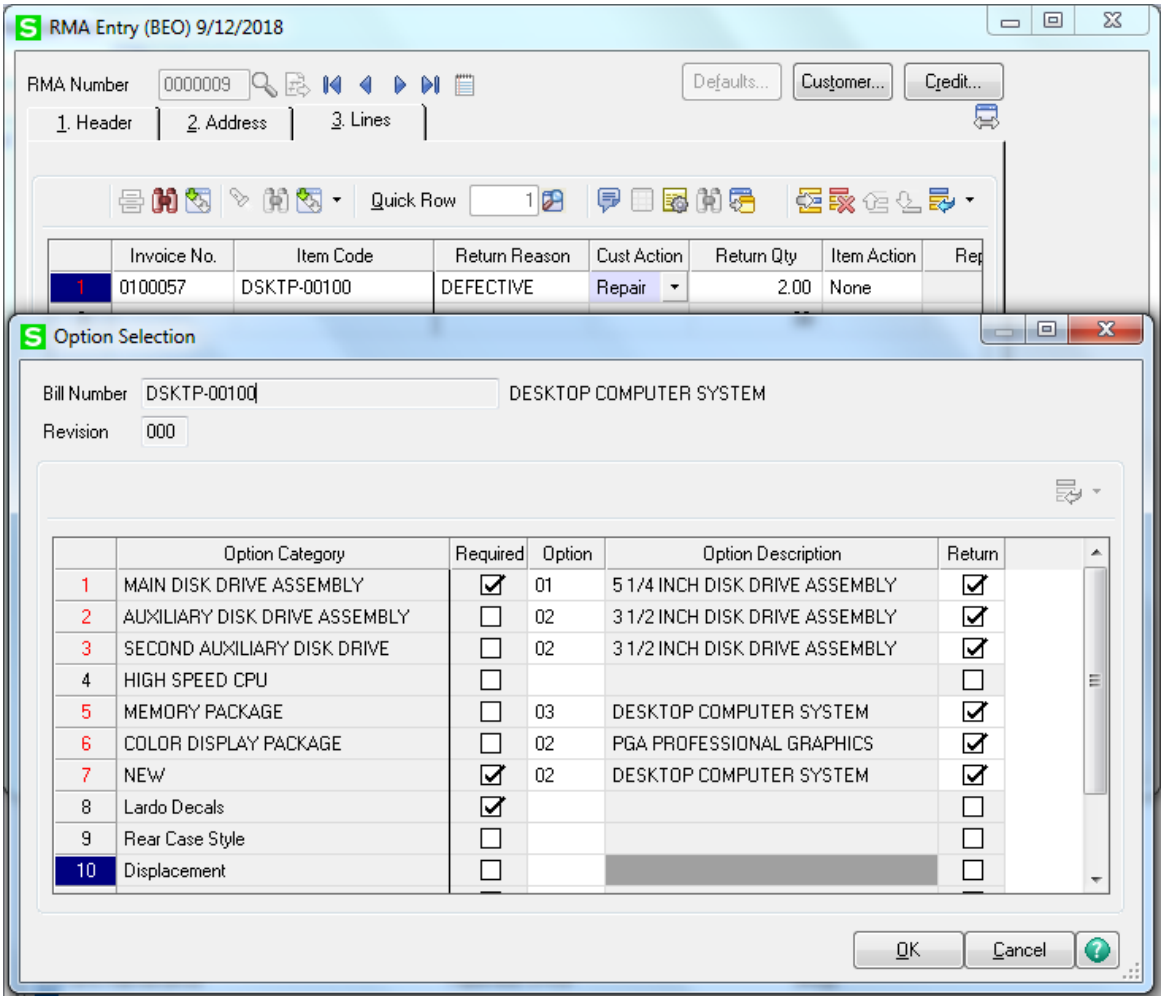
The Sales Order Printing program has been modified to print additional A-Z Option Categories.



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.**



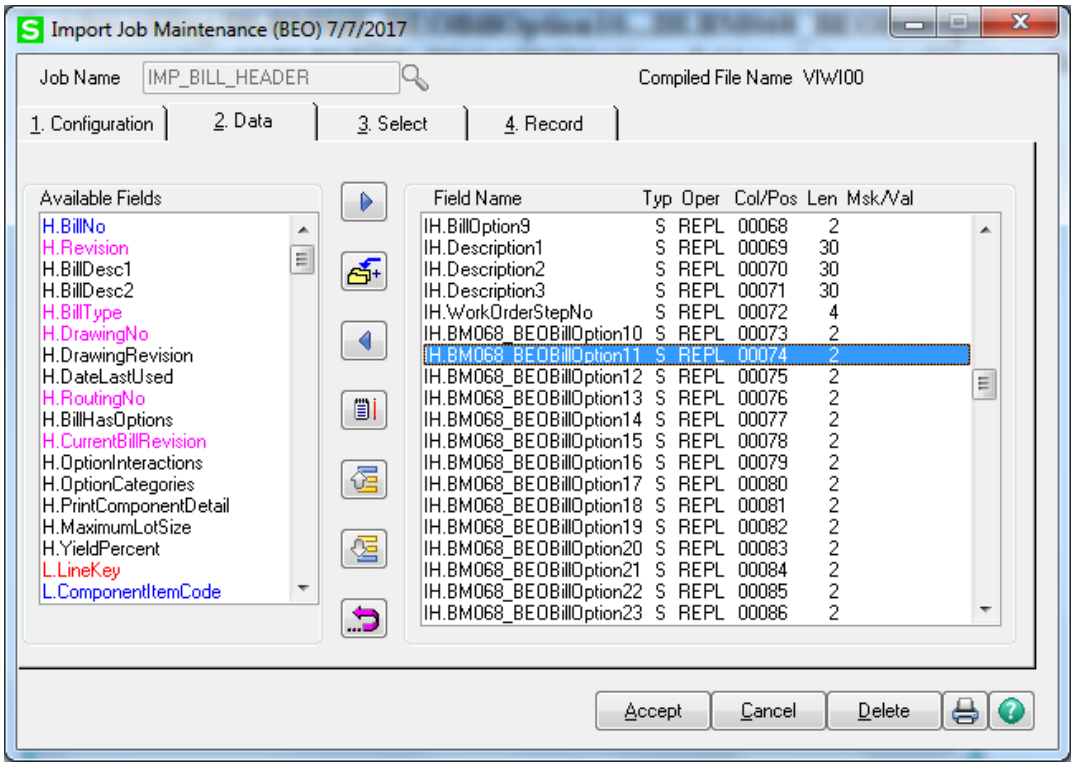
Visual Integrator

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

Tables	Fields
BM_ProductionHeader	BM068_BEOBillOption (10 -35)
BM_DisassemblyHeader	BM068_BEOBillOption (10 -35)
SO_SalesOrderHistoryDetail	SO068_BEOBillOption (10 -35)
AR_InvoiceHistoryDetail	AR068_BEOBillOption (10 -35)
RA_ReceiptsHistoryDetail	RA068_BEOBillOption (10-35)

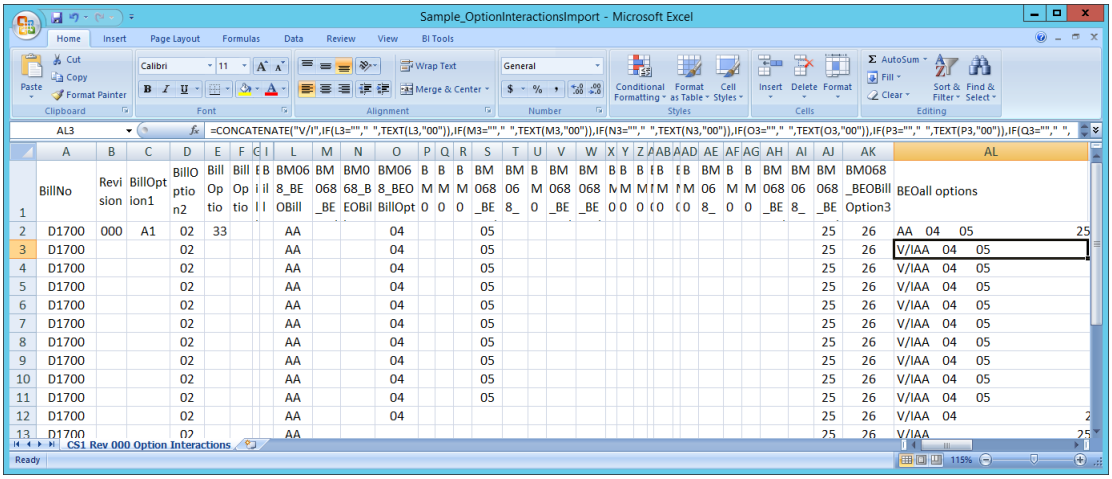
There are some specific rules to be followed when importing Option Interactions through Visual Integrator:

1. After adding **IH.BM068_BEOBillOption10...IH.BM068_BEOBillOption35** fields it is necessary to add IH.BM068_BEOAllBillOptions 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	Fields
BM_ComponentReqrmntWrk	SortField GroupField BM068_BEOBillOption (10-35) BM068_BEOBillOptionCat (10-35) Desc BM068_BEOBillOption (10-35) OptDesc1 BM068_BEOBillOption (10-35) OptDesc2

	BM068_BEOSortField
BM_CostedMaterialsWrk	GroupField
	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
	BM068_BEOBillOption (10-35) OptDesc1
	BM068_BEOBillOption (10-35) OptDesc2
BM_DisassemblyRegisterWrk	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
BM_GrossReqrmntWrk	SortField
	BM068_BEOBillOption (10-35)
	BM068_BEOSortField
BM_IndentedReportWrk	BM068_BEOBillOptionCat (10-35) Desc
	BM068_BEOBillOption (10-35) Required
BM_PickingSheetWrk	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
BM_ProductionHistWrk	BM068_BEOBillOption (10-35)
	BM068_BEOBillOption (10-35) OptDesc1
	BM068_BEOBillOption (10-35) OptDesc2
BM_ProductionRegisterWrk	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
BM_ProductionRegisterWrk	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
BM_ReplaceDeleteCompWork	BM068_BEOAllBillOptions
	BM068_BEOBillOption (10-35)
BM_SingleLevelWrk	SortField
	BM068_BEOBillOption (10-35)
	BM068_BEOBillOptionCat (10-35) Desc
	BM068_BEOBillOption (10-35) Required
	BM068_BEOSortField
BM_SummarizedReportWrk	BM068_BEOBillOptionCat (10-35) Desc
	BM068_BEOBillOption (10-35) Required
RA_CustomerRMAWrk	RA068_BEOReplacRepairBillOpt (10-35)
	RA068_BEOReplacOption (10-35) Desc
RA_RMAReceiverWrk	RA068_BEOBillOption (10-35)
	RA068_BEOOption (10-35) Desc
SO_InvoiceWrk	SO068_BEOBillOption (10-35)
	SO068_BEOOption (10-35) Desc
SO_PackingListWrk	SO068_BEOBillOption (10-35)
	SO068_BEOOption (10-35) Desc
SO_PickingSheetWrk	SO068_BEOBillOption (10-35)
	SO068_BEOOption (10-35) Desc
SO_SalesOrderWrk	SO068_BEOBillOption (10-35)
	SO068_BEOOption (10-35) Desc