



Multi Scenarios Manager

For Excel

- ✔ Version: 1.5.0
- ✔ Company: Jabsoft (<http://www.jabsoft.com>)
- ✔ Sales and Offers: Model Advisor (<http://www.modeladvisor.com>)

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Overview

What is Multi Scenarios Manager for Excel?

Multi Scenarios Manager for Excel is an add-in for Microsoft Excel with which you can analyse the data in your spreadsheets, in an automatic, fast and intuitive manner.

What can I do with Multi Scenarios Manager for Excel?

You can perform the following analyses:

- ✔ Centralised management of input and output variables in your spreadsheets.
- ✔ Multiple-scenario analyses.
- ✔ Analysis to find multiple target values.
- ✔ Break-even analysis.
- ✔ Other useful tools.

Who can use Multi Scenarios Manager for Excel?

Any type of user that utilises Microsoft Excel for his or her projects. It can be used by financial analysts, engineers, biologists, mathematicians, economists, teachers, and students in general, scientists, people working in marketing, sales, purchases, accounting, etc.

I have older versions, what should I do to use this new version?

Based on feedback from our users, we have made important changes compared with former versions. As a result, you will have to re-create with this version the models you created with former versions. We thank you for understanding, as this will happen this only time and will not happen again in the future.

What changes are included in this new version ?

It includes the following changes:

- ✔ The 'Go' button that appeared in the scenarios spreadsheet has been removed and replaced by a 'Run' button directly accessed from the ribbon (Excel 2007).
- ✔ Input/Output management has been centralised.
- ✔ All interfaces (dialogs and buttons) have been improved for a more intuitive use; however, your suggestions for further improvement will always be welcomed.
- ✔ Cells watcher, is now a form better adapted to work with Model Analyzer for Excel, and has been improved.

How do I start using Multi Scenarios Manager for Excel?

First of all, you have to add inputs and outputs with the Manage Inputs and Manage Outputs tools. Then you can use any of the other tools.



Basic Concepts

Model in Microsoft Excel

A model is a construct in Microsoft Excel of an abstraction of reality, case study, or objective analysis. Each model should be developed in only one Excel book, for a more centralized use of data. You can develop from very basic models to very complex ones that contain numerous sheets. For example, the following structure is a basic model:

$$\text{Gross profit} = \text{Units sold} * (\text{Sales price} - \text{Sales cost})$$

Output Input Input Input

Where each data occupies one cell of Microsoft Excel.

Where each data occupies one cell of Microsoft Excel.

Input

Independent variable whose value is not a function of another variable. In the example above, Units Sold, Sales Price and Sales Cost are the inputs. Each cell in Excel represents an input, it must not have precedents but it must have dependents.

Output

Dependent variable whose value is a function of other variable(s) (inputs) In the above example, there is only one output, Gross Profit, which is derived from the inputs specified. Each Excel cell containing an output should have precedents. Intermediate formulas could be outputs.

Scenario

A set of variables which combined represent a possible situation for a model. Typically, a model can consider, say, three scenarios, such as Optimistic, Pesimistic and Neutral. However, with the Scenarios tool of Multi Scenarios Manager for Excel, you can generate hundreds of scenarios, where each scenario is represented by one column in the Scenarios sheet.

Goal Seeker

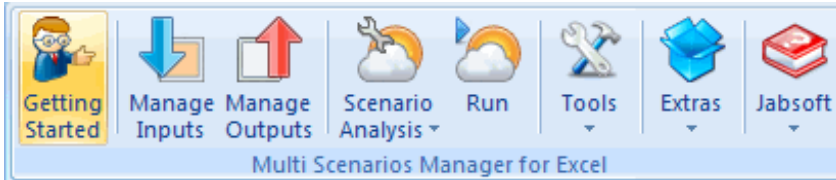
With this technique you can find the values inputs should take to get the desired output values.



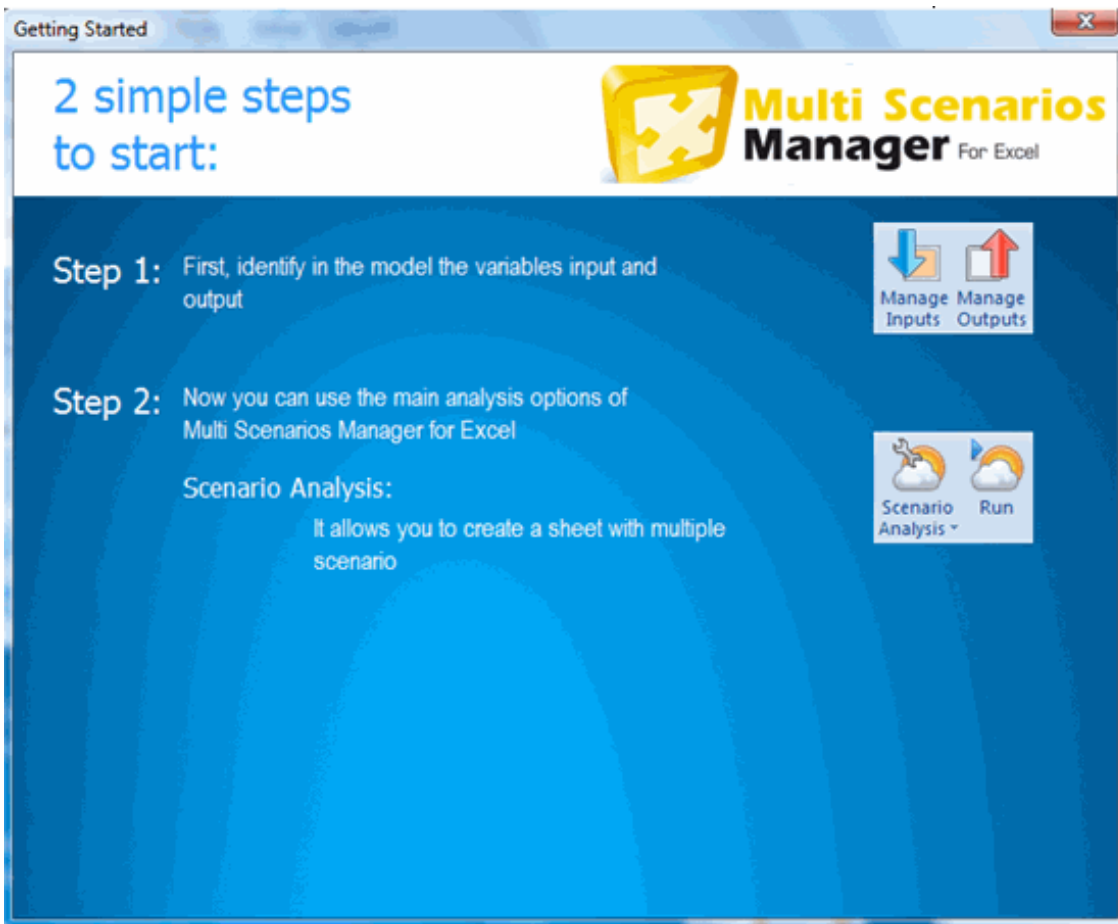
Multi Scenarios Manager

For Excel

Getting Started



This access gives us a way to quickly start using the tool.

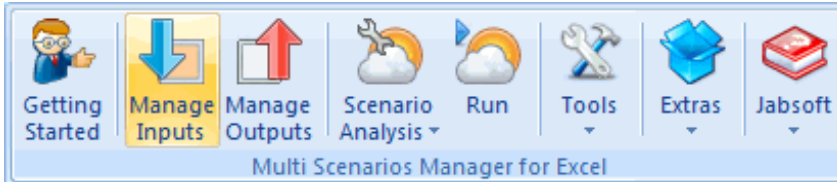




Multi Scenarios Manager

For Excel

Manage Inputs



Use this function to add and remove input variables to and from your models. We will elaborate on the following basic model.

	A	B	C	D	E	F	G	H	I
1	Information about the model								
3		Input variables:							
4		Amount of loan							
5		Interest rate							
6		Term of Loan (Years)							
7		Number of Payments (per Year)							
9		Output variables:							
10		Amount of Payment							
13		Loan							
14									
15		Amount of loan		\$32,000					
16		Interest Rate		8.00%					
17		Term of Loan (Years)		10					
18		Number of Payments (per Year)		12					
19									
20		Amount of Payment		\$388.25					
21									
22									

Go to the **Variables** section and select **Manage Inputs** , and the dialog below pops up.

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan

Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	
	\$388.25

Manage input cells

Title	Cell	Sheet	Value
Amount of loan	D15	Loan	\$32,000
Interest Rate	D16	Loan	8.00%
Term of Loan (Years)	D17	Loan	10
Number of Payments (per Year)	D18	Loan	12

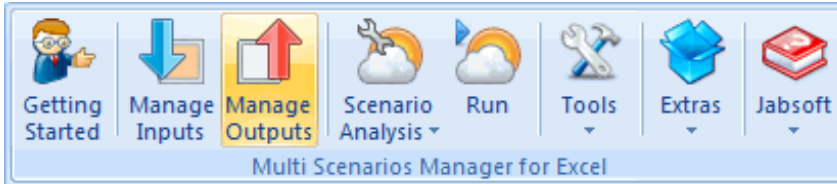
- ✓ **Add:** Use this button to add a new Input variables.
- ✓ **Edit:** Use this button to edit the title of each variables (this is optional since the tool captures automatic titles). The title must be making reference to a cell and not write a text manually.
- ✓ **Delete:** Serves to eliminate an Input variable.
- ✓ **Go to reference cell:** It serves to navigate by each variable. First activate the cell, then click on each element of the list of variables.
- ✓ **Cell's colors:** It automatically gives color to the chosen input cells. It has a color by default.
- ✓ **Search automatically:** Automatically looks for inputs in specific sheets of the book. This offers a quicker way to begin using this tool.



Multi Scenarios Manager

For Excel

Manage Outputs



Use this function to add and remove output variables to and from your models. We will elaborate on the following basic model.

	A	B	C	D	E	F	G	H	I
1	Information about the model								
3	Input variables:								
4	Amount of loan								
5	Interest rate								
6	Term of Loan (Years)								
7	Number of Payments (per Year)								
9	Output variables:								
10	Amount of Payment								
13	Loan								
14									
15	Amount of loan			\$32,000					
16	Interest Rate			8.00%					
17	Term of Loan (Years)			10					
18	Number of Payments (per Year)			12					
19									
20	Amount of Payment			\$388.25					
21									
22									

Go to the **Variables** section and select **Manage Outputs** , and the dialog below pops up.

	A	B	C	D	E	F	G	H	I	J	K	L	M												
1	Information about the model																								
3	Input variables:																								
4	Amount of loan																								
5	Interest rate																								
6	Term of Loan (Years)																								
7	Number of Payments (per Year)																								
9	Output variables:																								
10	Amount of Payment																								
13	<p style="margin: 0;"><u>Loan</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Amount of loan</td> <td style="text-align: right;">\$32,000</td> </tr> <tr> <td>Interest Rate</td> <td style="text-align: right;">8.00%</td> </tr> <tr> <td>Term of Loan (Years)</td> <td style="text-align: right;">10</td> </tr> <tr> <td>Number of Payments (per Year)</td> <td style="text-align: right;">12</td> </tr> <tr> <td colspan="2" style="padding-top: 10px;">Amount of Payment</td> </tr> <tr> <td></td> <td style="text-align: right; border: 1px solid gray;">\$388.25</td> </tr> </table>													Amount of loan	\$32,000	Interest Rate	8.00%	Term of Loan (Years)	10	Number of Payments (per Year)	12	Amount of Payment			\$388.25
Amount of loan	\$32,000																								
Interest Rate	8.00%																								
Term of Loan (Years)	10																								
Number of Payments (per Year)	12																								
Amount of Payment																									
	\$388.25																								

Manage output cells ✕

Add
 Edit Title
 Delete
 Go to reference cell
 Cell's colors

Title	Cell	Sheet	Value
Amount of Payment	D20	Loan	\$388.25

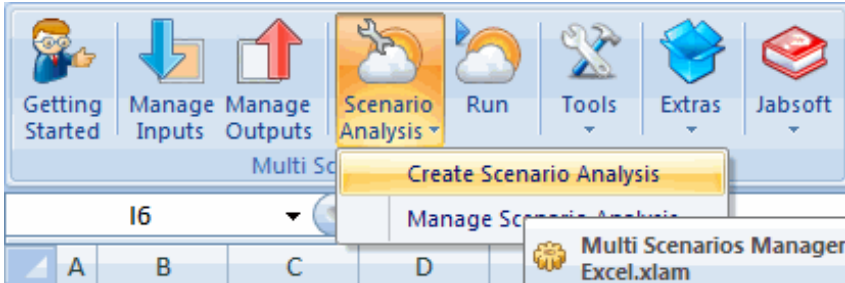
Search automatically
 Close



Multi Scenarios Manager

For Excel

Create Scenario Analysis



When models are large and complex, and you wish to have input and output variables centralised, it is time to use the Create Scenario Analysis tool. With this tool, you can create quickly a new sheet in the same book, with the input and output cells you want to analyse, managing as much scenarios as columns are in the Microsoft Excel spreadsheet.

As we have already loaded the inputs and outputs using Manage Inputs and Manage Outputs now just go to the section **Scenario Analysis** and select **Create Scenario Analysis**, taking the following model as example.

	A	B	C	D	E	F	G	H	I	
1	Information about the model									
3	Input variables:									
4	Amount of loan									
5	Interest rate									
6	Term of Loan (Years)									
7	Number of Payments (per Year)									
9	Output variables:									
10	Amount of Payment									
13	Loan									
14										
15	Amount of loan		\$32,000						4 Inputs	
16	Interest Rate		8.00%							
17	Term of Loan (Years)		10							
18	Number of Payments (per Year)		12							
19										
20	Amount of Payment		\$388.25						1 Output	
21										
22										

First choose the inputs and outputs from the left-side lists and move it to the right-side list. To do it see the following image:

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

Create Scenario Analysis

Select all input and output variables involved in the scenario analysis

Available inputs			Selected inputs		
Title	Cell	Sheet	Title	Cell	Sheet
Amount of loan	D15	Loan			
Interest Rate	D16	Loan			
Term of Loan (Years)	D17	Loan			
Number of Payments...	D18	Loan			

Available outputs			Selected outputs		
Title	Cell	Sheet	Title	Cell	Sheet
Amount of Payment	D20	Loan			

Buttons: Cancel, Back, Next, Finish

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

Create Scenario Analysis

Select all input and output variables involved in the scenario analysis

Available inputs			Selected inputs		
Title	Cell	Sheet	Title	Cell	Sheet
			Amount of loan	D15	Loan
			Interest Rate	D16	Loan
			Term of Loan (Years)	D17	Loan
			Number of Payments...	D18	Loan

Available outputs			Selected outputs		
Title	Cell	Sheet	Title	Cell	Sheet
			Amount of Payment	D20	Loan

Buttons: Cancel, Back, Next, Finish

Click **Next** to enter the scenarios.

The default number of scenarios is fourth, but you can add others by entering their names directly, separated by commas.

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan

Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

Create Scenario Analysis

Enter scenarios' names separated by commas, example : High, Medium, Low

Scenarios' names

- Active
- High
- Medium
- Low

Buttons: Add, Delete, Cancel, Back, Next, Finish

Click **Next** . Enter the information about the scenarios sheet you are going to create.

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan

Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

Create Scenario Analysis

Scenarios' sheet name: Scenario Analysis1

Model name: Scenario Analysis1

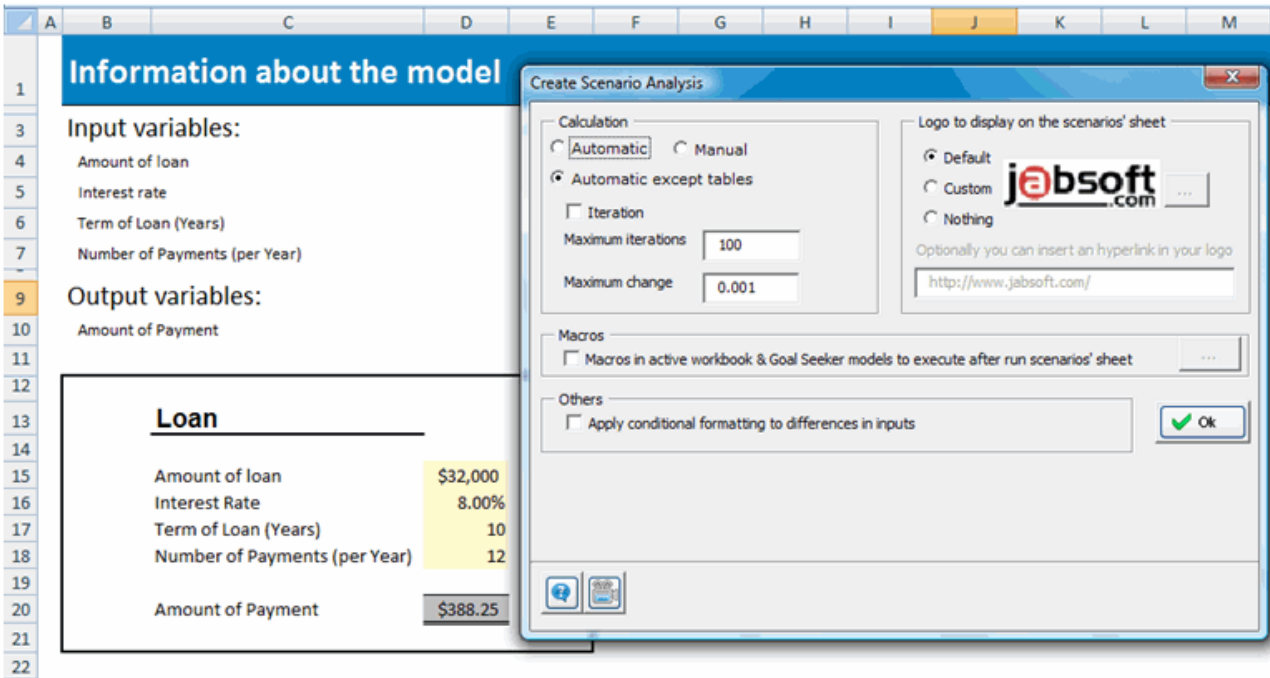
Author: JABOFT

Description: Scenario Analysis1

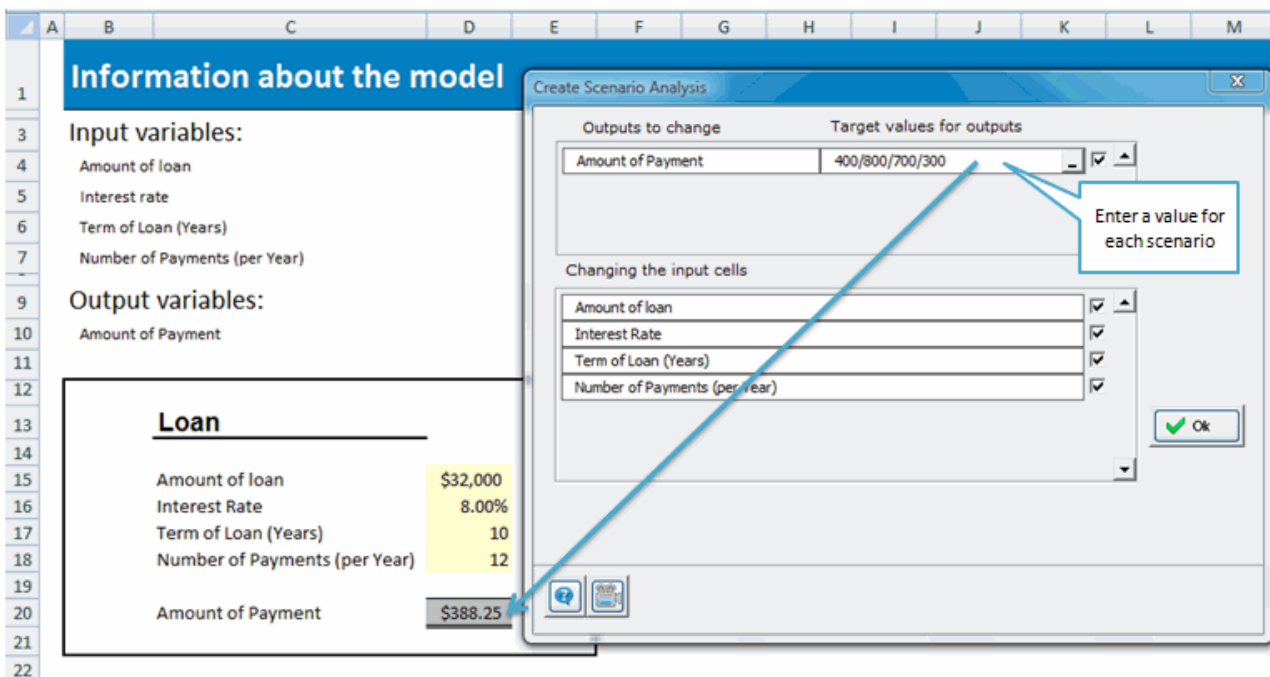
Apply Goal Seeker for Scenarios' Sheet

Buttons: Settings, Advanced Customizing..., Cancel, Back, Next, Finish

(OPTIONAL) If you click the **Advanced customizing** button, you will be able to configure certain advanced features, but you don't have to. You can create the scenarios sheet without customizing these options.



(OPTIONAL) If you click the **Apply Goal Seeker for Scenarios' Sheet** checkbox, you will be able to configure Goal Seeker for Scenario Analysis, but you don't have to. You can create the scenarios sheet without customizing these options.



When you click Finish, the following **scenarios sheet** will appear.

Scenario Analysis1		Creation Date: 11/03/2010 11:32:46 a.m.			
Author: JABOFT		Last Run Date: 11/03/2010 11:32:47 a.m.			
Titles	Active	High	Medium	Low	
Amount of loan	\$32,000	\$32,000	\$32,000	\$32,000	
Interest Rate	8.00%	8.00%	8.00%	8.00%	
Term of Loan (Years)	10	10	10	10	
Number of Payments (per Year)	12	12	12	12	
Amount of Payment	\$388.25	\$388.25	\$388.25	\$388.25	
Goal Seeker Analysis		High	Medium	Low	
Amount of loan	\$32,969	\$65,937	\$57,695	\$24,726	
Interest Rate	8.69%	28.14%	23.75%	2.39%	
Term of Loan (Years)	9.55847245	3.8898454	4.55889041	15.5730246	
Number of Payments (per Year)	11.4701669	4.66781448	5.47066849	18.6876296	
Amount of Payment (target value)	\$400.00	\$800.00	\$700.00	\$300.00	

By default, the input values of all scenarios are the same as those in the model, but you can change them (except for the ACTIVE column)

In this manner, you can change the input values for each scenario and run it again with 'Run' and see the output values for each scenario. You can do this a many times as needed.



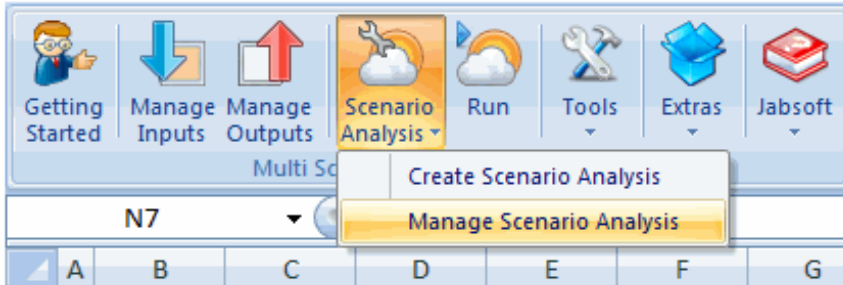
Important: if you want to add or remove inputs, output or scenarios in the scenarios sheet don't do it manually; use the Manage Scenario Analysis tool.



Multi Scenarios Manager

For Excel

Manage Scenario Analysis



Use this tool to add or remove inputs, outputs and scenarios to or from a scenarios sheet created with Create Scenario Analysis .

Do not try to make changes manually without using this tool or you will cause errors in you Excel model.

In this section you can **add and remove inputs** , or move them up and down a list of inputs.

The screenshot shows an Excel spreadsheet with two scenario analysis tables and a dialog box. The first table is 'Scenario Analysis1' and the second is 'Goal Seeker Analysis'. The dialog box is titled 'Manage Scenario Analysis' and shows a list of inputs with their addresses and sources.

Titles	Active	High	Medium	Low
Amount of loan	\$32,000	\$32,000	\$32,000	\$32,000
Interest Rate	8.00%	8.00%	8.00%	8.00%
Term of Loan (Years)	10	10	10	10
Number of Payments (per Year)	12	12	12	12
Amount of Payment	\$388.25	\$388.25	\$388.25	\$388.25

Goal Seeker Analysis	Active	High	Medium	Low
Amount of loan	\$32,969	\$65,937	\$57,695	\$24,726
Interest Rate	8.69%	28.14%	23.75%	2.39%
Term of Loan (Years)	9.55847245	3.8898454	4.55889041	15.5730246
Number of Payments (per Year)	11.4701669	4.66781448	5.47066849	18.6876296
Amount of Payment (target value)	\$400.00	\$800.00	\$700.00	\$300.00

Title	Address	Source
Amount of loan	\$C\$8	LoanID15
Interest Rate	\$C\$9	LoanID16
Term of Loan (Years)	\$C\$10	LoanID17
Number of Payments (per Y...	\$C\$11	LoanID18

You can **add and remove outputs** , or sort them by moving them up and down.

Titles	Active	High	Medium	Low
Amount of loan	\$32,000	\$32,000	\$32,000	\$32,000
Interest Rate	8.00%	8.00%	8.00%	8.00%
Term of Loan (Years)	10	10	10	10
Number of Payments (per Year)	12	12	12	12
Amount of Payment	\$388.25	\$388.25	\$388.25	\$388.25

Goal Seeker Analysis	Active	High	Medium	Low
Amount of loan	\$32,969	\$65,937	\$57,695	\$24,726
Interest Rate	8.69%	28.14%	23.75%	2.39%
Term of Loan (Years)	9.55847245	3.8898454	4.55889041	15.5730246
Number of Payments (per Year)	11.4701669	4.66781448	5.47066849	18.6876296
Amount of Payment (target value)	\$400.00	\$800.00	\$700.00	\$300.00

Existing Basic Scenario Analysis in active workbook: Scenario Analysis1

Inputs | Outputs | Scenarios | Customizing | Goal Seeker |

Calculation: Automatic Manual

Automatic except tables

Iteration: Iteration

Maximum iterations: 100

Maximum change: 0.001

Logo in active scenarios' sheet: Default Custom Nothing

Optional you can insert an hyperlink in your logo: <http://www.jobsoft.com/>

Macros: Macros in active workbook & Goal Seeker models to execute after run scenarios' sheet

Others: Apply conditional formatting to differences in inputs

Save Close

You can also **customize goal seeker analysis** for scenario analysis.

Titles	Active	High	Medium	Low
Amount of loan	\$32,000	\$32,000	\$32,000	\$32,000
Interest Rate	8.00%	8.00%	8.00%	8.00%
Term of Loan (Years)	10	10	10	10
Number of Payments (per Year)	12	12	12	12
Amount of Payment	\$388.25	\$388.25	\$388.25	\$388.25

Goal Seeker Analysis	Active	High	Medium	Low
Amount of loan	\$32,969	\$65,937	\$57,695	\$24,726
Interest Rate	8.69%	28.14%	23.75%	2.39%
Term of Loan (Years)	9.55847245	3.8898454	4.55889041	15.5730246
Number of Payments (per Year)	11.4701669	4.66781448	5.47066849	18.6876296
Amount of Payment (target value)	\$400.00	\$800.00	\$700.00	\$300.00

Existing Basic Scenario Analysis in active workbook: Scenario Analysis1

Inputs | Outputs | Scenarios | Customizing | Goal Seeker |

Outputs to change: Target values for outputs

Amount of Payment: 400/800/700/300

Changing the input cells:

Amount of loan

Interest Rate

Term of Loan (Years)

Number of Payments (per Year)

Paste results in: 'Scenario Analysis1'!C16

Apply Goal Seeker for Scenario Analysis

Save Close



Multi Scenarios Manager

For Excel

Run Scenario Analysis



From this dialog, you can run directly any **Scenario Analysis** .

	A	C	D	E	F	G	H	I	J	K
2		Scenario Analysis								
3		Author: JABSOFT		Creation Date: 03/03/2010 06:03:45 p.m.						jobsoft.com
				Last Run Date: 03/03/2010 06:21:44 p.m.						
5										
6		Titles	Active	Scen. 1	Scen. 2	Scen. 3	Scen. 4	Scen. 5	Scen. 6	Scen.
7										
8		Amount of loan	\$32,000	\$31,000	\$33,000	\$35,000	\$37,000	\$39,000	\$41,000	\$43,000
9		Interest Rate	8.00%	8.00%	8.50%	9.00%	9.50%	10.00%	10.50%	11.00%
10		Term of Loan (Years)	10	11	12	13	14	15	16	17
11		Number of Payments (per Year)	12	12	12	12	12	12	12	12
12										
13		Amount of Payment	\$388.25	\$370.27	\$384.34	\$401.13	\$420.55	\$442.54	\$467.08	\$494.16
14										
15										
16										
17										
18										
19										
20										
21										

Select the Scenario Analysis to Run

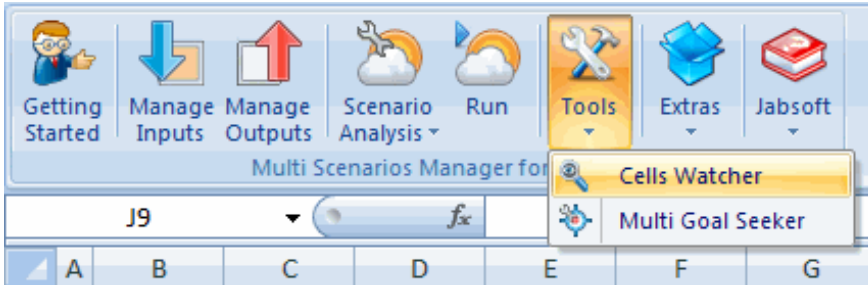
Scenario Analysis [v] [Run]



Multi Scenarios Manager

For Excel

Cells Watcher



With this tool you can change inputs directly in your model in Excel and see the changes in real time. Then you can undo all changes and reset the original values; this will be possible as long as you do not close the Cells Watcher dialog.

This is a very useful tool when you want to change the inputs in large models, where a centralized analysis of inputs and outputs cannot be done.

The screenshot shows an Excel spreadsheet with a blue header 'Information about the model'. The spreadsheet content is as follows:

Input variables:	
Amount of loan	
Interest rate	
Term of Loan (Years)	
Number of Payments (per Year)	

Output variables:	
Amount of Payment	

Loan	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

The 'Cells Watcher' dialog box is open, showing the following settings:

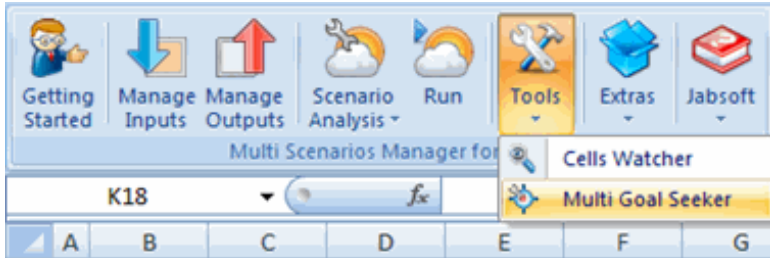
- Outputs: Show Address
- Inputs: Show Address
- Interval of Change: 0.1
- Go to reference cell:
- Reset original values to: All Inputs



Multi Scenarios Manager

For Excel

Create Goal Seeker Analysis



With this function you can find the input values required to get certain target output values. As shown in the following screenshot, you need to have the target values in rows with the same number of columns as the inputs.

Information about the model

Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

Loan	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25
Target values	\$400.00
	\$500.00

Spreadsheet Goal Seeker

Define the cell/range to change:
Loan!\$D\$20

Define the target value(s):
Loan!\$D\$23:\$D\$24

Changing the cell/range :
Loan!\$D\$15

Save this analysis

Model Name : GS1

Short description :

Ok Cancel

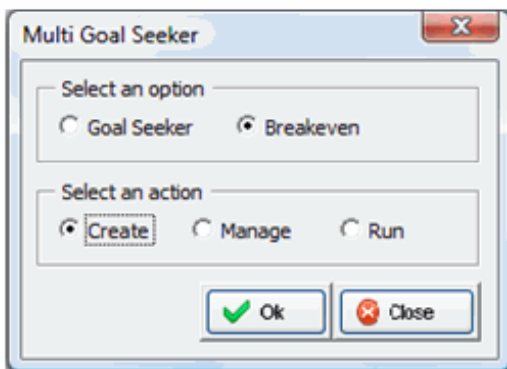
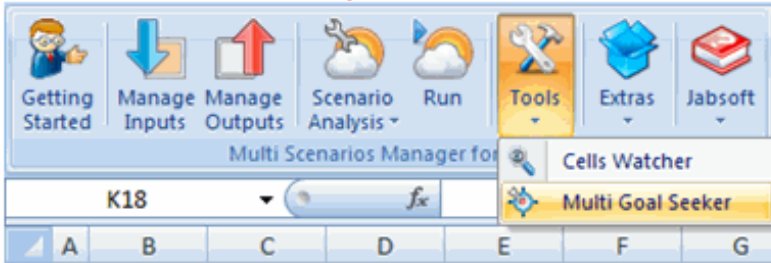
Alternatively, you can save this data analysis and rerun it from Run Multi Goal Seeker Analysis .



Multi Scenarios Manager

For Excel

Create Breakeven Analysis



Use this function to find the breakeven point, where outputs reach "zero". Evidently, this depends on the input involved.

Information about the model											
3	Input variables:										
4	Amount of loan										
5	Interest rate										
6	Term of Loan (Years)										
7	Number of Payments (per Year)										
9	Output variables:										
10	Amount of Payment										
13	Loan										
15	Amount of loan										\$32,000
16	Interest Rate										8.00%
17	Term of Loan (Years)										10
18	Number of Payments (per Year)										12
20	Amount of Payment										\$388.25

The following image shows the results obtained after applying the tool. In this case, you can see what the Price per Unit should be for the Gross Profit to reach the breakeven point.

	A	B	C	D	E	F	G	H	I	J	K												
1	Information about the model																						
3	Input variables:																						
4	Amount of loan																						
5	Interest rate																						
6	Term of Loan (Years)																						
7	Number of Payments (per Year)																						
9	Output variables:																						
10	Amount of Payment																						
12	<table border="1"><thead><tr><th colspan="2">Loan</th></tr></thead><tbody><tr><td>Amount of loan</td><td>\$0</td></tr><tr><td>Interest Rate</td><td>8.00%</td></tr><tr><td>Term of Loan (Years)</td><td>10</td></tr><tr><td>Number of Payments (per Year)</td><td>12</td></tr><tr><td>Amount of Payment</td><td>\$0.00</td></tr></tbody></table>											Loan		Amount of loan	\$0	Interest Rate	8.00%	Term of Loan (Years)	10	Number of Payments (per Year)	12	Amount of Payment	\$0.00
Loan																							
Amount of loan												\$0											
Interest Rate												8.00%											
Term of Loan (Years)												10											
Number of Payments (per Year)												12											
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16																							
17																							
18																							
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20																							
21																							

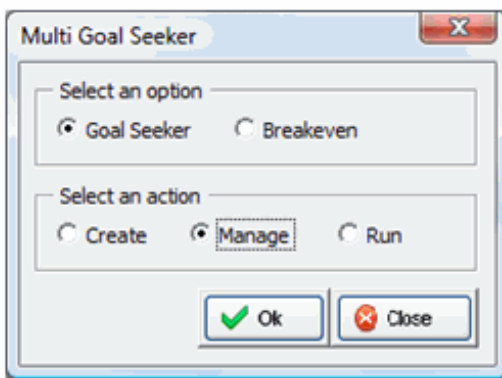
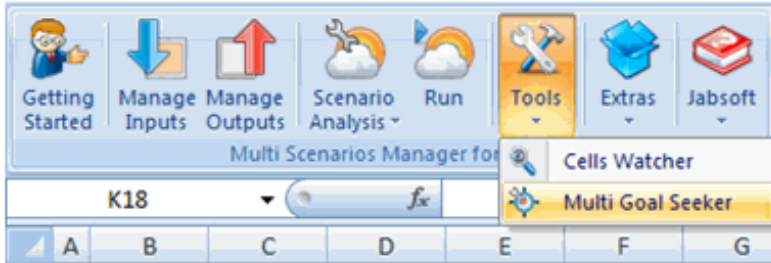
Alternatively, you can save this data analysis and rerun it from Run Multi Goal Seeker Analysis .



Multi Scenarios Manager

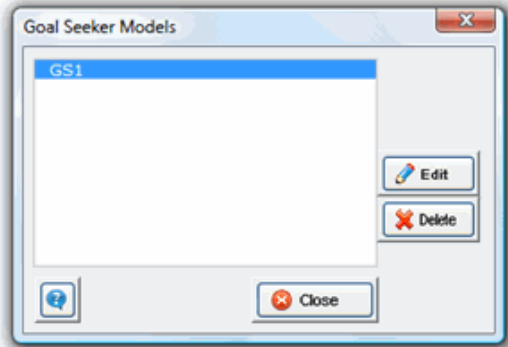
For Excel

Manage Goal Seeker Analysis



With this tool you can edit any saved data analysis created with Create Goal Seeker Analysis . The following dialog will pop up; select the data analysis to edit from the list.

	A	B	C	D	E	F	G	H	I	J	K	L												
1	Information about the model																							
3	Input variables:																							
4	Amount of loan																							
5	Interest rate																							
6	Term of Loan (Years)																							
7	Number of Payments (per Year)																							
9	Output variables:																							
10	Amount of Payment																							
13	<table border="1"> <thead> <tr> <th colspan="2">Loan</th> </tr> </thead> <tbody> <tr> <td>Amount of loan</td> <td>\$32,000</td> </tr> <tr> <td>Interest Rate</td> <td>8.00%</td> </tr> <tr> <td>Term of Loan (Years)</td> <td>10</td> </tr> <tr> <td>Number of Payments (per Year)</td> <td>12</td> </tr> <tr> <td>Amount of Payment</td> <td>\$388.25</td> </tr> </tbody> </table>												Loan		Amount of loan	\$32,000	Interest Rate	8.00%	Term of Loan (Years)	10	Number of Payments (per Year)	12	Amount of Payment	\$388.25
Loan																								
Amount of loan	\$32,000																							
Interest Rate	8.00%																							
Term of Loan (Years)	10																							
Number of Payments (per Year)	12																							
Amount of Payment	\$388.25																							

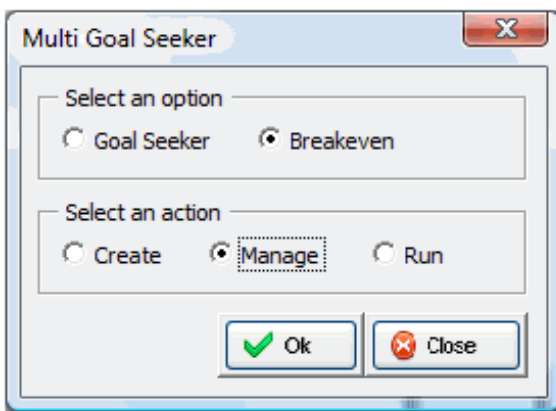
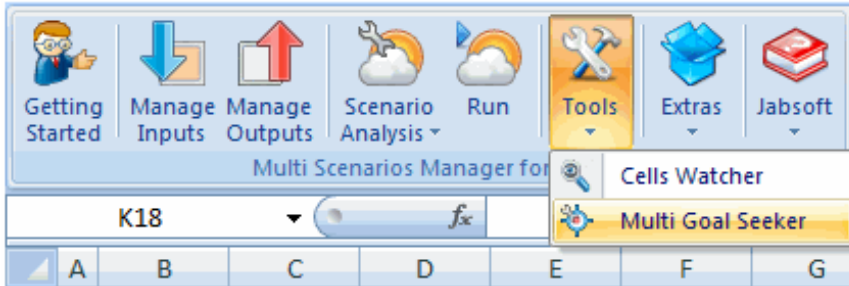




Multi Scenarios Manager

For Excel

Manage Breakeven Analysis



With this tool you can edit any saved data analysis created with Create Breakeven Analysis .
The following dialog will pop up; select the data analysis to edit from the list.

Information about the model

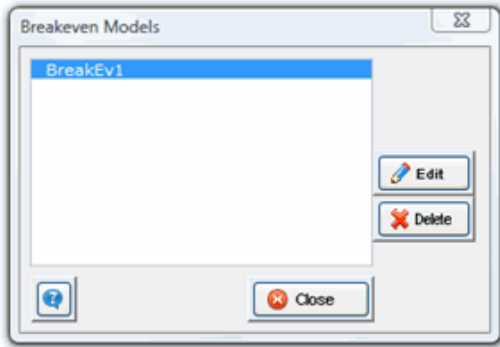
Input variables:

- 4 Amount of loan
- 5 Interest rate
- 6 Term of Loan (Years)
- 7 Number of Payments (per Year)

Output variables:

- 10 Amount of Payment

Loan	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25

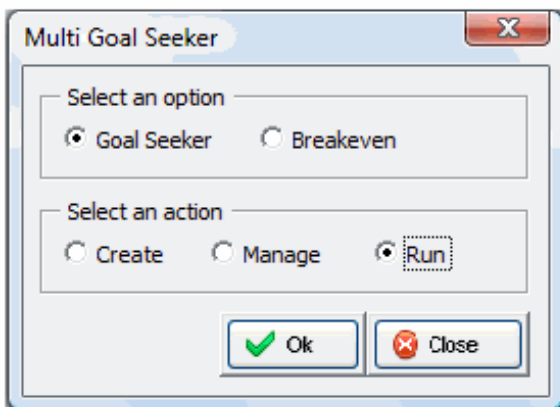
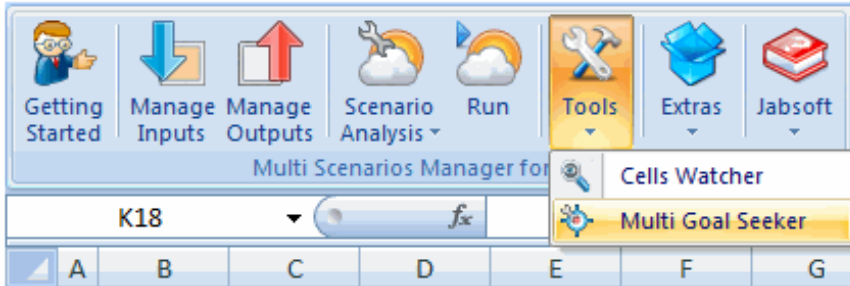




Multi Scenarios Manager

For Excel

Run Multi Goal Seeker Analysis



Any data analysis created and saved with Create Goal Seeker Analysis and Create Breakeven Analysis may be run directly from this dialog. Select the type of data analysis and all items of that type will be listed so you can run any of them.

Information about the model

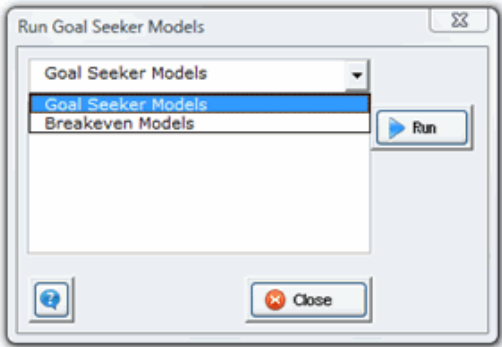
Input variables:

- Amount of loan
- Interest rate
- Term of Loan (Years)
- Number of Payments (per Year)

Output variables:

- Amount of Payment

<u>Loan</u>	
Amount of loan	\$32,000
Interest Rate	8.00%
Term of Loan (Years)	10
Number of Payments (per Year)	12
Amount of Payment	\$388.25





Multi Scenarios Manager

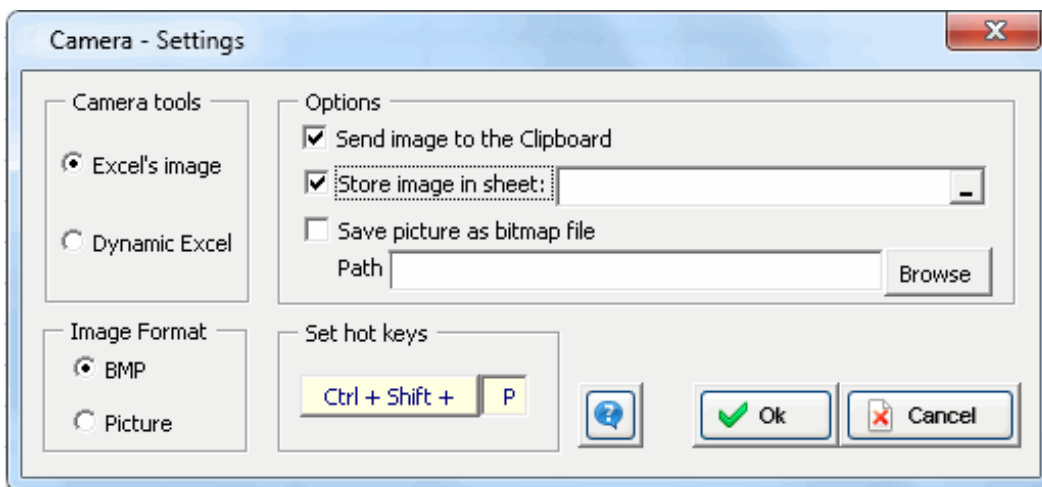
For Excel

Camera - Settings

Accessing in Excel 2007

From the **Multi Scenarios ribbon** select Extras/ Camera settings.

This settings dialog will appear:



There are two option buttons in the **Camera Tools** frame: **Excel's image** and **Dynamic**. Choose any.

Then, in the **Options** frame select:

Send image to the Clipboard to send an image to the Clipboard **Store image in sheet** to paste an image in the cell of your choice **Save picture in file** to save an image in a file, to select the folder the image will be saved in.

Click **Browse** to open a dialog showing folders and name your file.

Under **Image Format**, select the image format: **BMP** or **Picture**.

Then click **Apply** to save the settings. You may also set a keyboard shortcut with **Set hot keys**. Set the combination of keystrokes by entering a letter in the text box (**P** is the default) and then click **Close**.

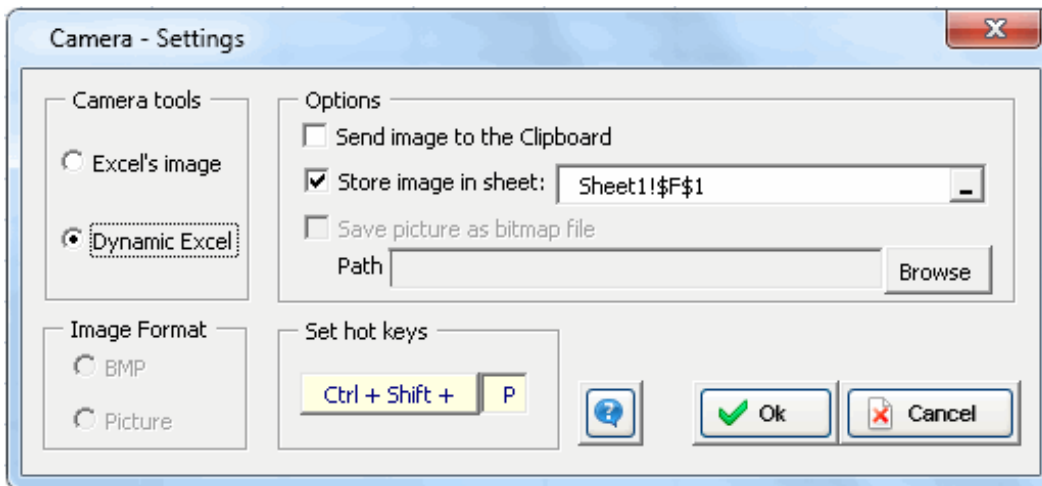
Once the settings are completed and saved, you can use this tool by clicking the Camera icon and selecting a range.


Example

For example, if you have an Excel spreadsheet range with this data:

	A	B	C	D	E	F
1						
2						
3			Product A	Product B		Product A
4		2000	200	300		2000
5		2001	150	200		2001
6		2002	100	150		2002
7		2003	50	75		2003
8		Total	500	725		Total
9						

Choose these settings: **Dynamic Excel**, **Store image in sheet** and **H88** as the target cell Save the settings and close the dialog.



Select a range as shown in the example and click the Camera icon . The range is copied as a dynamic image in the target cell selected, F2 in this example. Any changes in the source range will be reflected in the target image.



Toggle Settings

We often lose valuable time doing repetitive tasks -if, for example, we want to hide the headings in several sheets of the Workbook, we will have to do it one at a time.

This powerful tool has been crated to do away with such loss of time.

Adventajes include:

Same upper -left cell in all

Let's say you are working in a workbook with 50 sheets and you wish to view the value in the R200 cell of each. It would be a dreary task having to navigate through all worksheets and locate that specific cell in them all, wouldn't it?

With this tool, this would be as simple as:

1. Locate yourself in any worksheet and select the cell to be checked.
2. Press the Same upper -left cells in all button.

That's it. You will view that cell in all worksheets; the selected cell will be viewed the left upper corner. As simple as 1-2!

Reset Excel's last cells

This utility allows you to save only the part of each worksheet in use, meaning the section containing actual data or formatting.

It may happen that the last cell of a worksheet is beyond the range of your actual used data. This issue may cause you to have a larger file size than necessary, you may experience other unusual behavior.

Clear the excess rows and columns with Reset Excel's last cell and solve these issues.

And many configuration options more. Use this tool as best suits your convenience it's super-intuitive.

Toggle settings X


Reference style :
 A1 R1C1

Calculation
 Automatic
 Automatic except tables
 Manual
 Iteration
Maximum Iterations:
Maximum Change:

Formula bar
 Status bar
 Tabs
 Horizontal scrollbar
 Vertical scrollbar

Gridlines
 Page breaks
 Headings
 Zeros
 Show formulas
 Full screen

Comments
Show only indicator comments ▼



Apply this settings to all sheets.



Multi Scenarios Manager

For Excel

To do list

To do list is a simple but useful tool, which allows you to manage any pending tasks related to a given workbook that may be key to your projects, in an ordered manner.

To do list allows you to add a task, edit it and control its progress.

It's very easy to use:

1. Click the **To do list** button in the Model Navigator toolbar. A dialog will be displayed.
2. Enter the corresponding information and save the model.

Once a long list of tasks has been built, you may navigate through them.

In addition, you may customize the template to suit your needs.

This **To do list** is saved in a very hidden worksheet of your workbook.

The screenshot shows the 'To do list' dialog box with the following details:

- Title:** To do list
- Done:** No
- Priority:** High
- Cell reference:** Abril!\$F\$6
- Comments:** Check : Present Value Flows + Residual Value
- Go to reference cell:** Button
- Browse 'To do list':** Navigation buttons (<<, <, >, >>)
- Buttons:** New, Edit, Save, customize template
- Checkbox:** Show 'To do list' sheet.
- Close:** Button



Multi Scenarios Manager

For Excel

Version manager

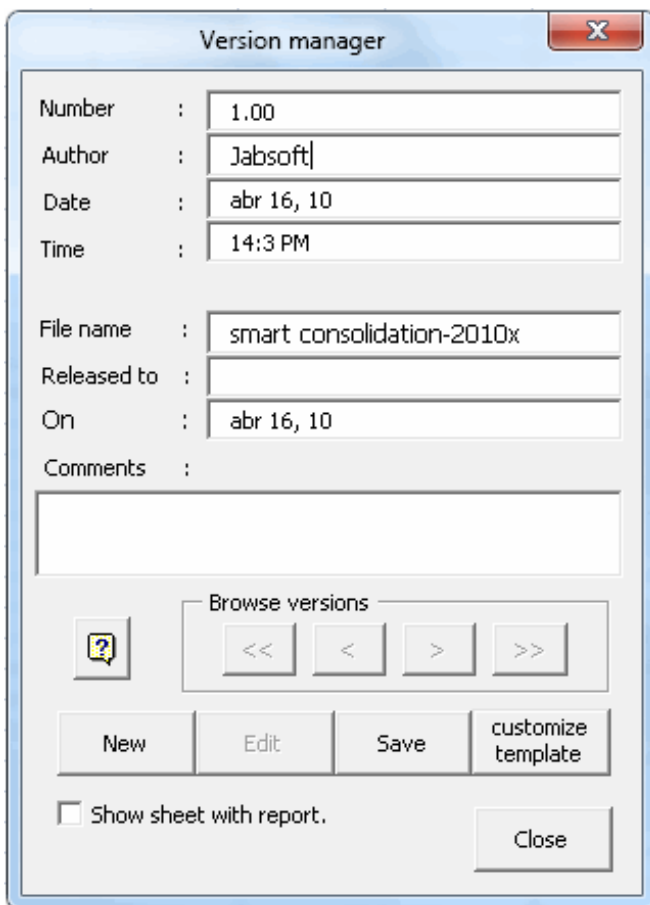
With this tool you will be able to check the progress of your projects.

The accomplishment of a project usually means to work with the same workbook(s) for several days.

It would be ideal to add (hidden) commentaries of significant occurrences, drawbacks, and/or pending tasks as your project makes progress.

This tool do this –and more. You may save and edit in a very hidden sheet the information corresponding to the progress of your projects. An you may review all that saved information.

In addition, you have the option to customize the template to suit your needs.



The screenshot shows a dialog box titled "Version manager" with a close button (X) in the top right corner. The dialog contains several input fields and buttons:

- Number : 1.00
- Author : Jabsoft|
- Date : abr 16, 10
- Time : 14:3 PM
- File name : smart consolidation-2010x
- Released to : (empty)
- On : abr 16, 10
- Comments : (empty text area)

Below the input fields, there is a "Browse versions" section with a help icon (question mark) and four navigation buttons: <<, <, >, and >>.

At the bottom, there are four buttons: "New", "Edit", "Save", and "customize template".

At the very bottom, there is a checkbox labeled "Show sheet with report." and a "Close" button.



Multi Scenarios Manager

For Excel

My favorites

Do you need to manage many folders, workbooks and worksheets in one place? Use this powerful tool to select and manage them all.

Observation:

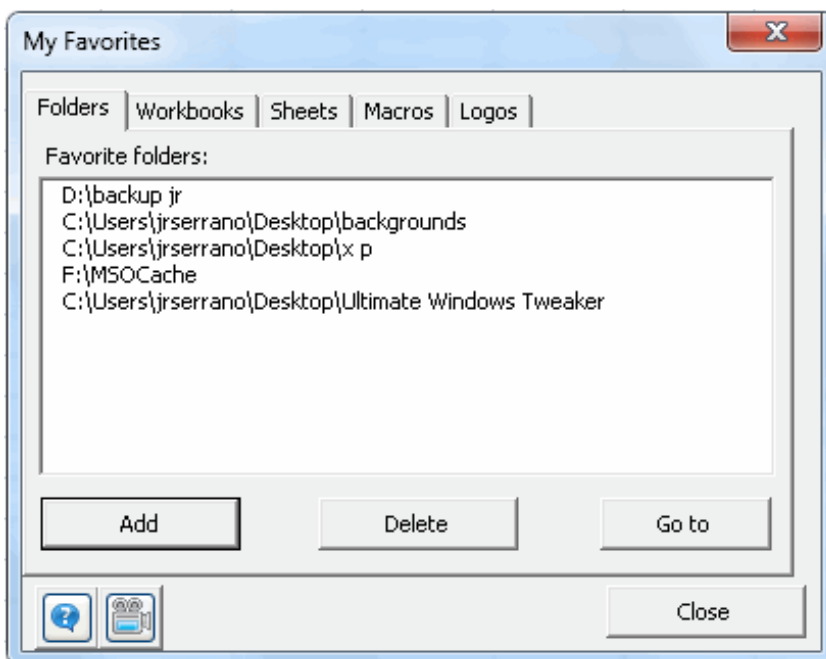
If you use **Windows Vista**, it will be necessary to activate some permissions. This video will teach you how to configure some permission to make this tool work out correctly.

http://www.jabsoft.com/spreadsheet_presenter/sp_videos/security_demo_sp/security_demo.htm

Folders

This utility will allow create a list with our directories most visited, to access quick and easily. It works so:

- 1.- Press the '**Add**' button to add a directory to the favorite directories list.
- 2.- Press the '**Delete**' button to erase a directory of the favorite directories list.
- 3.- Press the '**Go to**' button to open the selected directory with the Window's Explorer.

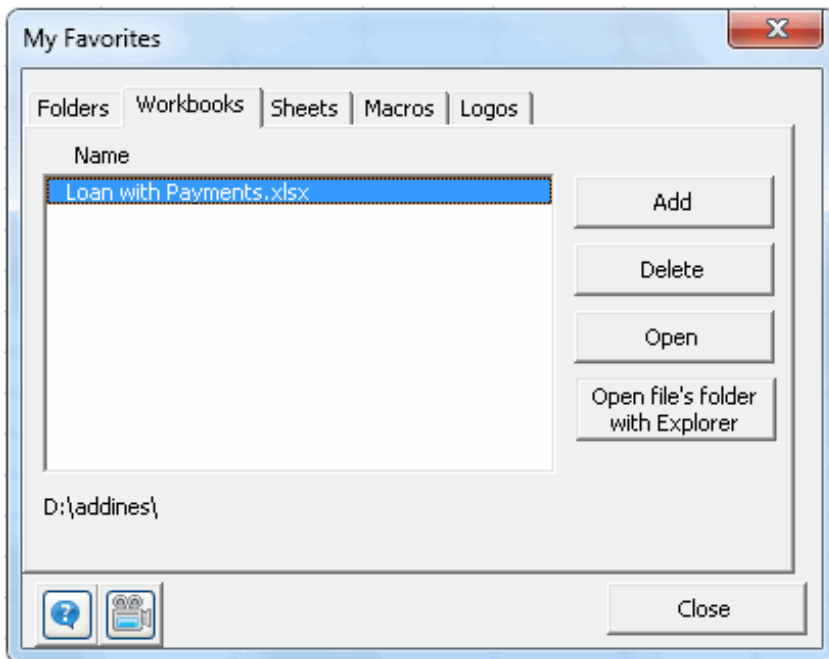


Workbooks

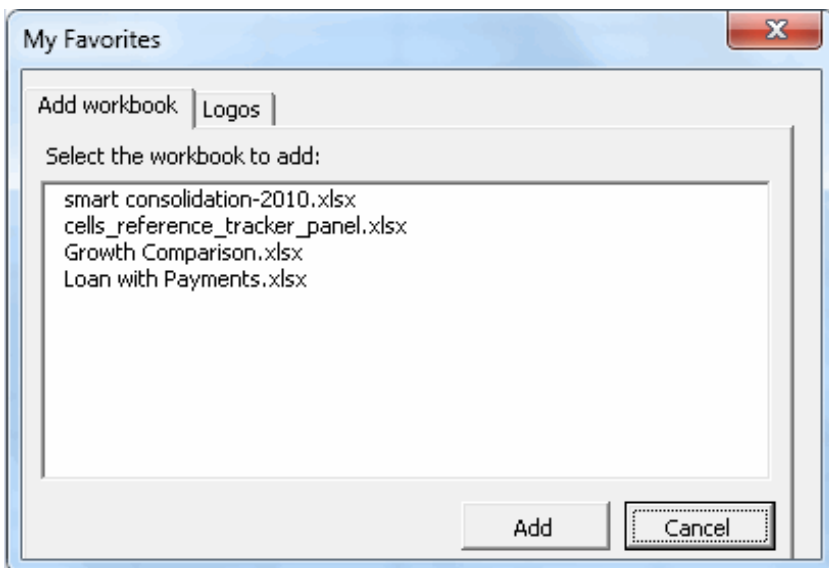
This tool allows you to store a list of most frequently used workbooks. It's a kind of direct access. Think of the following situation:

You have to check, say, three workbooks (or more, for that matter) on a daily basis. This means you have to first go to the folders containing them to access each. With My Favorites you no longer will have to do that. Just do as follows:

1. With all opened relevant books, click **My Favorites > Workbooks**.
2. Click the **Add** button.



3. Select the workbooks you want to include in your list of favorites. Click **Add**. That would be it.



The next time you want to open that workbook, just click the **My Favorites** button and you will be able to access your most frequently used workbooks from this dialog.

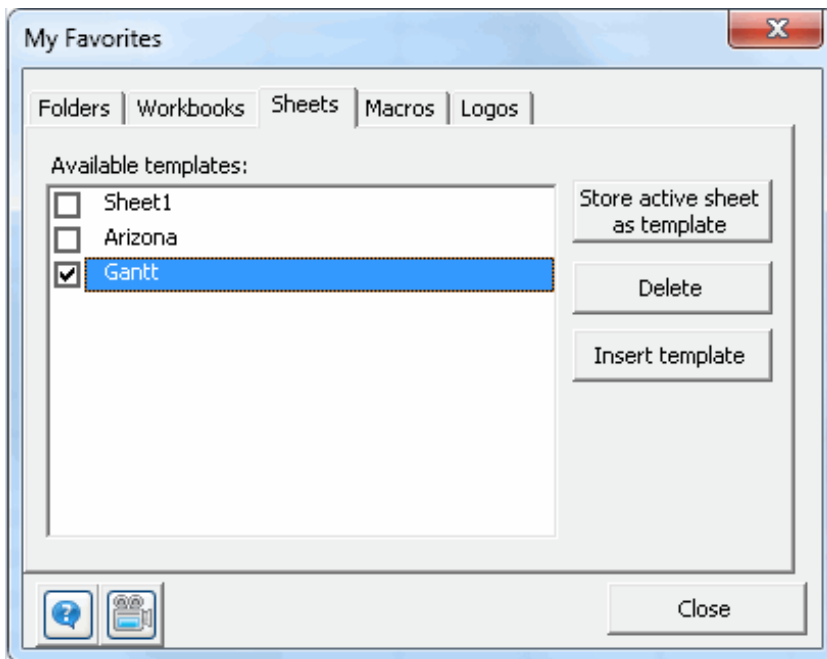
In addition, you can delete any workbook from the list and open the folder the selected workbook is in.

Sheets

If you constantly use certain templates and need to open several books to copy the templates onto several workbooks, this is the tool you need.

Favorite templates saves the templates you wish in one single place and allows you to easily access them. Options include:

- ✔ **Store active sheet as template:** First select the desired template by checking the corresponding checkbox, then click this button.
- ✔ **Delete:** Clears the selected template from your list of favorites.
- ✔ **Insert template:** To copy a template (already stored) onto the active workbook



Macros

In certain occasions we see ourselves in the necessity to have a macro to realize some repeated and automatic tasks.

Sometimes we use the "grabadora de macros" to generate them and then we modify to our convenience.

Finally we finish to lose those macros or we just don't know in what book we saved it the last time.

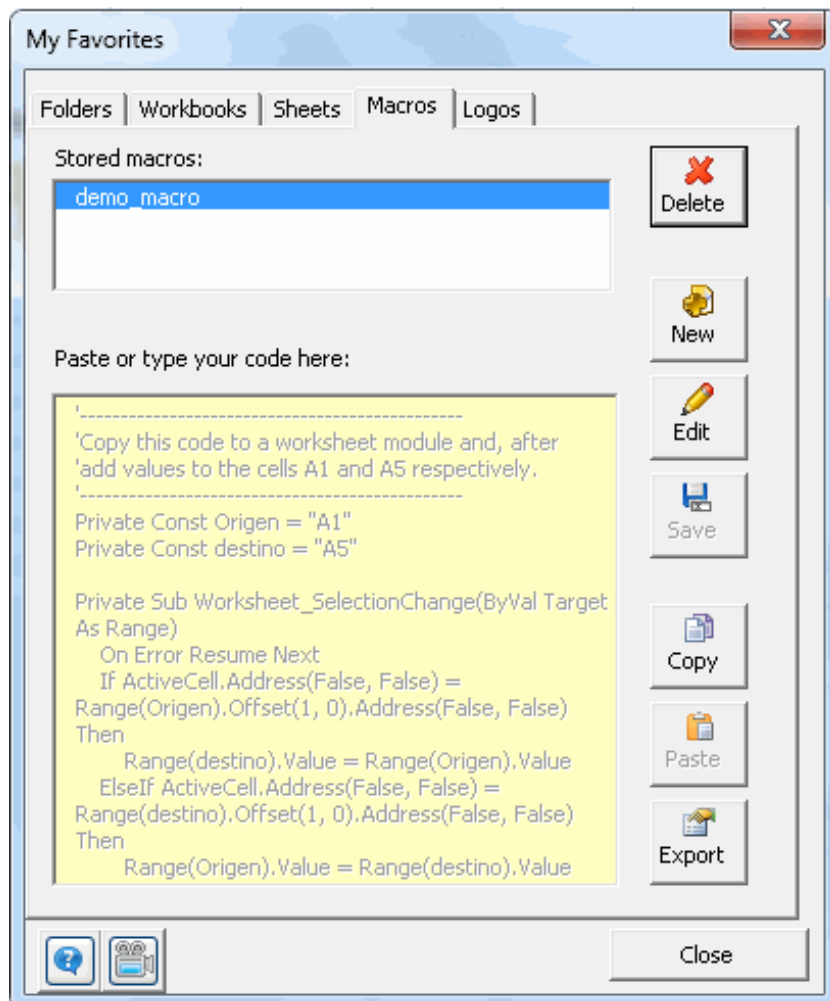
The Favorite Macros tool was made to keep and to arrange our most used macros when we want.

We keep it in the "bloc de notas" in an organized way to facilitate the use.

This tool has a complete panel control to edit, to copy and to export macros.

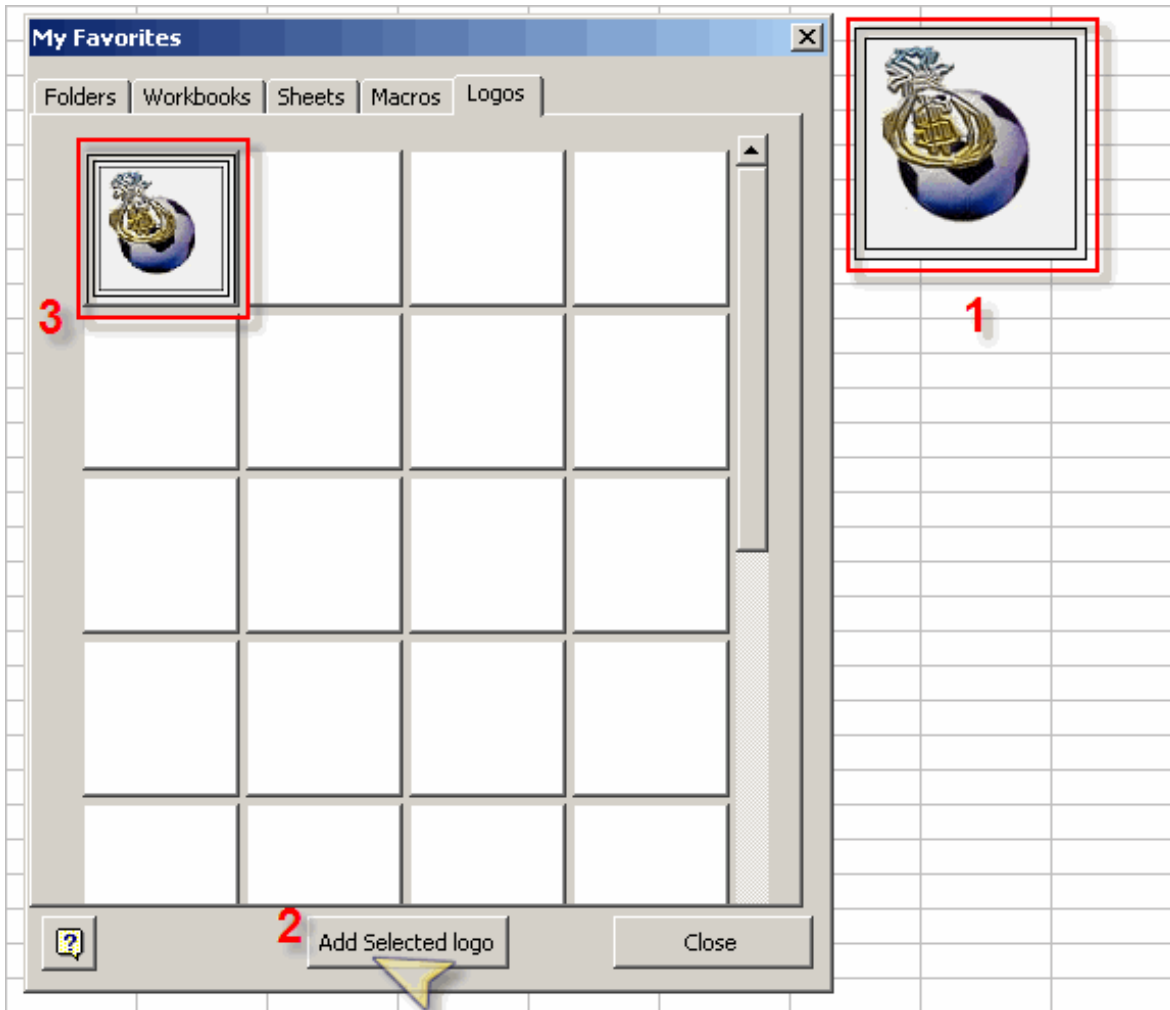
- ✔ Click on Edit Button... To edit an existing macro.
- ✔ Click on New Button... To add a macro to a macro list.
- ✔ Click on Save Button... to save a new macro or save the changes of a modified macro.
- ✔ Click on Delete button... to eliminate a macro from the list.
- ✔ Click on Copy button to copy a macro to memory (then you can paste in any place).
- ✔ Click on the Export Button... to save the selected macro in a "bloc de notas"

Suppose that you have saved many macros with this tool and then you want to use the macros in another PC, Simply use the path you used to install Excel Model Builder and then copy "My Macros" file in the other PC. My Macros file is where the macros is saved.



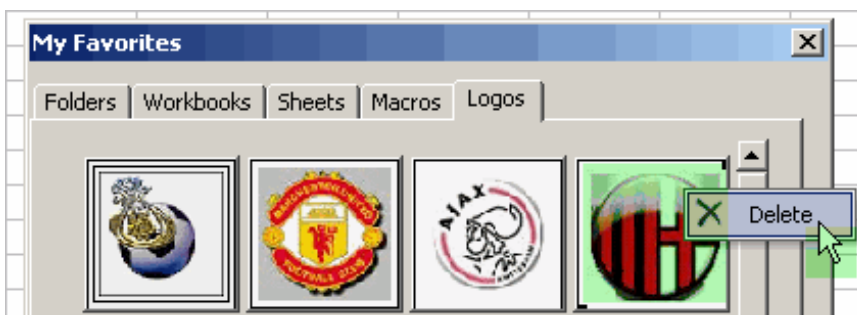
Logos

- 1.- Select an image of your worksheet.
- 2.- Press the **Add** button.
- 3.- The image will be saved in My Favorite **Logos**.



To delete an image:

- 1.- Do right click on the image.
- 2.- Click the **Delete** option of the popup menu.



Note: You can insert max. 64 images.



Sheets manager

Your workbooks have so many sheets you find it hard to manage them?

Use **Sheet Manager** –a comprehensive tool that will make any worksheet management task easier to you.

Sheets manager show a relation of all the sheets of your workbook, including hidden and the very hidden sheets, too describes the other properties to each one of them. Thus you can quickly note which are protected with password or which are hidden.

Sheets manager helps you, of simple way, with the following actions:


- Export the selected sheets...
- Hide sheets.
- Unhide sheets
- To make the sheets very hidden
- To show to the very hidden sheets
- To protect sheets
- Unprotect sheets
- Rearrange sheets
- Delete all the empty sheets
- Generate a Index of all the existing sheets.
- Navigation between the sheets
- Add sheets
- Rename sheets
- Delete sheets.

Sheets manager X

Opened files : smart consolidation-2010.xlsx ?

Worksheets in selected file :

Visible	Protected	Empty	Name
V	N	N	Virginia
V	N	N	Michigan
V	N	N	Ohio
V	N	N	Maine
V	N	N	Alaska
V	N	N	Oregon
V	N	N	Washington
V	N	N	Montana
V	N	N	Florida
V	N	N	Georgia


 Up
 Down

Show very hidden sheets. Browsing among sheets.

To the selected sheet(s) ...

Rename	Hide	very hide sheets	Protect	Copy
Delete	Unhide	Unveryhide sheets	Unprotect	Same upper left cells in all

To the active workbook ...

Add sheet	select all the sheets ...	Rearrange sheets ...
Add Index	Delete empty sheets ...	Export sheets as ...

Close

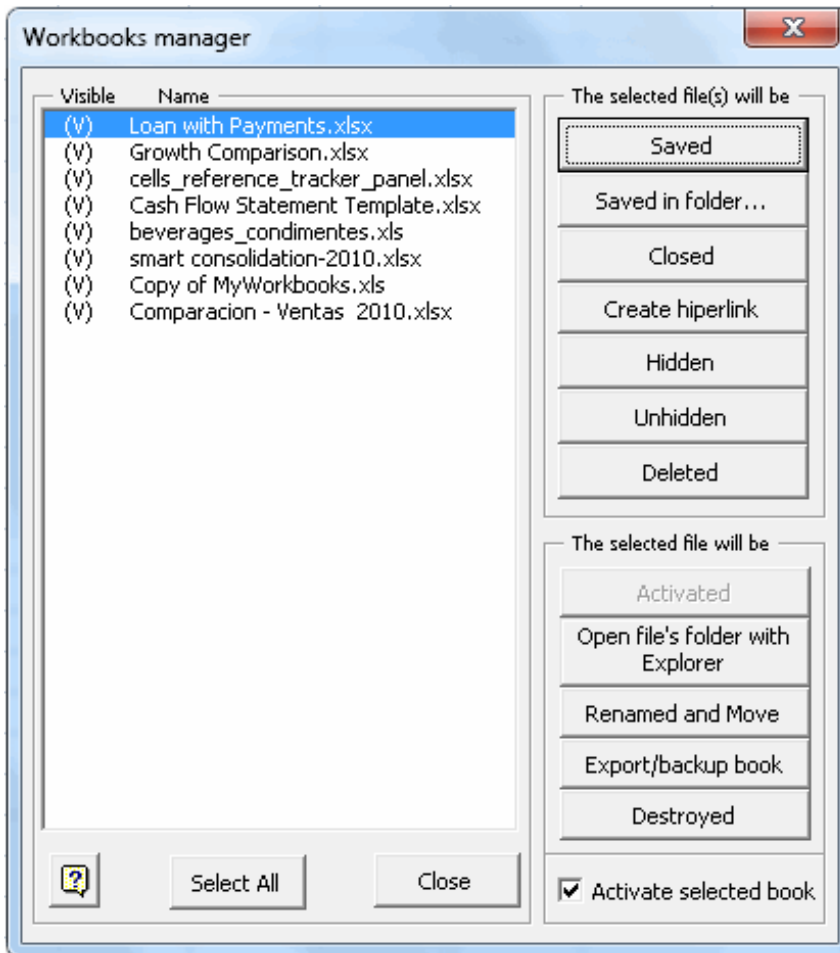


Workbooks manager

Managing your open workbooks is made easy with the **Workbook manager** tool.

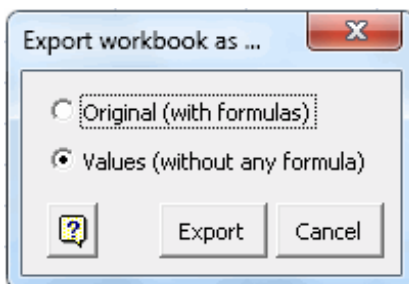
With this tool you can:

- ✔ List all open workbooks, even the hidden ones.
- ✔ Save workbooks.
- ✔ Save workbooks in other folders.
- ✔ Close workbooks.
- ✔ Create a hyperlink to another workbook.
- ✔ Hide workbooks.
- ✔ Show (unhide) workbooks.
- ✔ Delete workbooks.
- ✔ Activate workbooks.
- ✔ Open the folder a workbook is in.
- ✔ Rename workbooks and move them to another folder.
- ✔ Export workbooks as backups.
- ✔ Destroy workbooks (without the possibility to restore - assets and damage control may be required)
- ✔ Navigate through workbooks.



Export / backup workbook

With this tool you can backup your workbooks either by making an exact copy of the original or by converting all formulas in your workbook into values.





Multi Scenarios Manager

For Excel

Requirements

- ✓ MS Windows XP or more
- ✓ MS Excel 2007 or more

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Uninstallation

Before uninstalling the product, do:

- ✔ Open Microsoft Excel
- ✔ Uncheck Multi Scenarios Manager in Tools > Add-ins.. option
- ✔ Close Excel

Automatic

- ✔ Start - Programs - Multi Scenarios Manager > Uninstall Multi Scenarios Manager

Or

Manual

- ✔ Open the Windows Explorer.
- ✔ Go to the folder, the path should be: **C:\Program Files\JABSOFT\Multi Scenarios Manager** and delete it.

That is all.



Multi Scenarios Manager

For Excel

Do you need more help?

- ✓ If you need help address to our HelpDesk (<http://www.jabsoft.net/helpdesk>)

If you have comments or suggestions about Multi Scenarios manager for Excel add-in, please contact us at:

- ✓ support@jabsoft.com

Our postal address is:

JABS
Av. San Martín 351 OF. 401 - Miraflores
Lima 18
Perú

- ✓ Developer website: Jabsoft (<http://www.jabsoft.com>)
- ✓ Sales website: Model Advisor (<http://www.modeladvisor.com>)

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