#### SimulAr®: Complete setup guide

The first step is to determine which version of *SimulAr* you must download from the website. There are different versions according to the versions of Windows and Excel that each user has on your personal computer. The following table summarizes the file to download for each particular case. For example, users who have installed Windows 7 (64-bit) and Microsoft Excel 2010 (32 bit) must download the filecaled "simularv2513.zip". It should be noted that *SimulAr* <u>does not work</u> in 64 Bits versions of Excel. For the proper functionality of the program, you must install a 32-bit version of Microsoft Excel.



#### • How do you know which version of Windows you have installed on your PC?

To find out the version of Windows you have installed on your personal computer go to the Windows Start button and then click on "Control Panel":



The next screen will be displayed:



Next, click on "System and Security" and, on the next screen, click on "System":



The next screen indicates the version of the operating system you have on your PC. In the following example, the PC has Windows 7 64 bit installed:

		and the second second		X
G	🗢 📲 🕨 Control Panel 🕨	System and Security + System	- 49 Search Control Panel	٩
	Control Panel Home	View basic information	about your computer	^ (\$
	Device Manager	Windows edition		
	Remote settings	Windows 7 Professional		
0	System protection	Copyright © 2009 Microso	ft Corporation. All rights reserved.	
•	Advanced system settings	Service Pack 1 Get more features with a n	ew edition of Windows 7	=
		System		
		Manufacturer:	Dell	
		Model:	Precision T3500	
		Rating:	5,9 Windows Experience Index	
		Processor	Intel(R) Xeon(R) CPU W3565 @ 3.20 GHz	
		Installed memory (RAM):	12.0 GB	
		System type:	64-bit Operating System	
	See also	Pen and Touch:	No Pen or Touch Input is available for this Display	
	Action Center	Dell support		
	Windows Update	Website:	Online support	
	Performance Information and	Computer name, domain, and	workgroup settings	

## • How do you know which version of Microsoft Excel you have installed on your PC?

To find out the version of Microsoft Excel you have installed on your PC open Excel, then select the menu "File" and then the menu "Help", as shown below:



In the example above, the PC has a 32 bits versión of Excel 2010.

- If the version of *SimulAr* you must install is called "*simularv25e.zip*" or "*simularv2507e.zip*" please follow the setup guide as indicated in <u>SECTION I</u>.
- If the version of *SimulAr* you must install is called "*simularv2513e.zip*" please follow the setup guide as indicated in <u>SECTION II</u>.

## **SECTION I: Step by step setup guide**

If the version of *SimulAr* you must install is called "*simularv25e.zip*" or "*simularv2507e.zip*", there are three different files you must download and install:

- 1. The correct version of SimulAr, according to what it was described before.
- 2. The module "Office Web Components v10.0" (OWC) that can be downloaded from: http://www.simularsoft.com.ar/owc10.zip
- The OWCv10.0 security update, that can be downloaded from: <u>http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=60e2e4e7-aa75-441d-b6fc-7e850bf8e580</u>

**1**) First, you must install the module OWC v10.0. By running the file called "owc10.exe", the following screen will appear:



You have to accept the "Term and conditions" and click on "Install":

Microsoft Office XP Web	Components		C
Instalando Office Web Co	omponents		5
Progreso de la instalación			
Acción en curso:			
Registrar bibliotecas d	e tipos		
Id. de biblioteca: {1E0	83960-829F-11D3-AB5D-00C04F	940789}	

If the installation is successful, the next window will appear:

闄 Prog	rama de instalación de Office XP Web 🗾 🏹
S.	Microsoft Office Web Components se instaló correctamente.
	Aceptar

Click on "OK" to conclude.

**2**) The second file you must install is the OWCv10.0 security update. This file is called: "officexp-KB947320-FullFile-ENU.exe". Run this file and the following window will be displayed:



Click "Yes" and a new window will appear:

Actualización de seguridad de Office	Web Comp	
Lea el siguiente Contrato de licencia. Pr para leer el resto del Contrato.	esione la tecla AV	ANZAR PÁGINA
CONTRATO COMPLEMENTARIO DE FINAL PARA	LICENCIA PARA	USUARIO
Actualización de seguridad de Office W (KB947320)	/eb Components 2	002
IMPORTANTE: LEA ATENTAMENTE complementario de licencia para usuari complementario") establece sus derech software que acompañan a este CLUP documentación en pantalla o electrónic colectivamente "Componentes compler COPIAR O DE OTRA MANERA UTILIZ COMPLEMENTARIOS, USTED QUED	- El presente Contr o final ("CLUF los sobre los comp complementario, ir a (a los que se de mentarios"). AL IN: ZAR LOS COMPO A OBLIGADO POI	ato onentes de ncluida la nomina STALAR, NENTES R LOS
¿Acepta todos los términos del Contrato el programa de instalación. Para instalar, de este Contrato.	de licencia? Si eli <u>c</u> debe primero ace	je No, se cerrará ptar los términos
	Sí	No

Click "Yes" again to start with the process:



If the installation is successful, the next window will appear:

Actualización de seguridad de Office Web Componen	nts 2002 (KB947
La actualización se ha aplicado correctamente.	
	ОК

Select "OK" to conclude.

3) The last step consists in installing *SimulAr*. Run the corresponding file and click "Next >":



Then select "I accept the agreement" and click "Next >".

icense Agreem	ent			
Please read the	following important inf	ormation before continui	ng.	Ċ
Please read the agreement befor	following License Agr e continuing with the i	eement. You must accep installation.	ot the terms of this	
Términos y con	diciones de uso:			*
SimulAr no es u "emailware", lo comentarios ac desarrolló para SimulAr. Cualqu con una copia i análisis de riesg industrial. Cada ayudando a otro	n programa de uso gra cual significa que Ud. erca del programa, pa compartito con el rest iera que lo utilice sin c legalIII El objetivo de i o tanto en el ambiente vez que un usuario di o a conocer este meci	atuito sino que es un sof tiene que enviar un ema ra qué fines lo utilizó y el o de los usuarios a travé cumplir estas condicione Simul Ar es difundir la téc a académico como en el searrolle un modelo de s anismo y describiéndole	ware considerado il al autor con sus modelo en Excel que s del stito Web de s estará trabajando nica de simulación y mundo empresario e mulación estará en qué situaciones o	- III
I accept the	agreement			
I do not acce	pt the agreement			

On the next window you have to indicate the folder you want to install *SimulAr* and the user manual:



Click on "Next >" to continue. Next, you have to indicate the name and place of the shortcut.



Click "Next >" again and you will have the chance to create a shortcut on the windows desktop.

Setup - SimulAr	_	
Select Additional Tasks Which additional tasks should be performed?		Ð
Select the additional tasks you would like Set click Next.	up to perform while insta	lling SimulAr, then
Additional icons:		
Create a desktop icon		
	< Back Nex	t > Cancel

Click on "Next >" and a new windo will indicate that everything is ready to start with the setup process. Click on "Install".

eady to Install Setup is now ready to begin installing	SimulAr on your computer.	
Click Install to continue with the instal change any settings.	llation, or click Back if you want to r	review or
Destination location: C:\Program Files (x86)\SimulAr Start Menu folder: SimulAr Additional tasks: Additional icons: Create a desktop icon		*
		~

ease wait while Setup installs SimulAr on your computer.	Ċ
eating shortcuts	
\Users\luciano machain\Desktop\SimulAr.lnk	

Once the installation finishes, click on "Launch SimulAr" and "Finish".

😼 Setup - SimulAr	
	Completing the SimulAr Setup Wizard
	Setup has finished installing SimulAr on your computer. The application may be launched by selecting the installed icons.
	Click Finish to exit Setup.
	☑ Launch SimulAr
	Finish

The installation process is now complete and *SimulAr* was successfully installed. You can get access to *SimulAr* by clicking on the icon generated in the folder called *SimulAr*. Additionally, you can uninstall the software by clicking on "Uninstall *SimulAr*".

🛯 🎍 SimulAr	
🔁 Manual del Usuario	
SimulArv25	
🛃 Uninstall SimulAr	-
1 Back	
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• Enabling the Excel add-ins "analysis toolpack" and "solver".

You must activate the Excel add-ins "analysis toolpak", "analysis toolpak - VBA" and "Solver". To enable these add-ins open Excel and select the "File" menu and then "options".



On the next window click on "Add-ins" and then "Go..."

Seneral			
	View and manage Microsoft Office Add-ins.		
ormulas			
Proofing	Add-ins		
ave	Name 🛦	Location	Type
	Active Application Add inc	cocution	ijpe
anguage	Microsoft Visual Studio 2008 Tools for Office Design Time Adaptor for Excel 2003	c) tor dll	COM Add in
dvanced	Microsoft Visual Studio 2008 Tools for Office Design-Time Adaptor for Excel 2007	c:\tor.dll	COM Add-in
ustemize Dibbon	Inactive Application Add-ins		
usconfize Ribboti	Analysis ToolPak	C:\32.XU	Excel Add-in
uick Access Toolbar	Analysis ToolPak - VBA	C:\XLAM	Excel Add-in
	Custom XML Data	C:\D.DLL	Document Inspector
dd-Ins	EndNote (Cww Citation Recognizer)	C:\yw.dll	Action
	Euro Currency Tools	C:\XLAM	Excel Add-in
rust Center	Financial Symbol (XML)	C:\FL.DLL	Action
	Headers and Footers	C:\D.DLL	Document Inspector
	Hidden Rows and Columns	C:\D.DLL	Document Inspector
	Hidden Worksheets	C:\D.DLL	Document Inspector
	Invisible Content	C:\D.DLL	Document Inspector
	Microsoft Actions Pane		XML Expansion Pack
	Microsoft Actions Pane 3		XML Expansion Pack
	Solver Add-in	C:\XLAM	Excel Add-in
	Document Related Add-ins		
	No Document Related Add-ins		
	·		•
	Add-in: Microsoft Visual Studio 2008 Tools for Office Design-Time Adap	tor for Excel 20	003
	Publisher: Microsoft Corporation		
	Compatibility: No compatibility information available		
	Location: c:\Program Files (x86)\Microsoft Visual Studio 9.0\Visual Studio	Tools for Offic	e\
	VSTOExtel2005Adaptor.dll Description Misseseff Visual Grunis 2000 Teach for Office Design Time Adapt		000
	Description: Microsoft Visual studio 2008 roots for Office Design-fille Adap	tor for Excel 20	005
	Manager Evrol Add inc		

The following window will be displayed:

Add-Ins		? X
Add-Ins available:		
Analysis ToolPak Analysis ToolPak - VBA	-	ОК
Solver Add-in		Cancel
		Browse
		Automation
	-	
Solver Add-in		
Tool for optimization	and equa	ation solving

Enable the add-ins "analysis toolpak", "analysis toolpak - VBA" and "Solver". Then press "OK". It is possible that Excel may require the installation CD if these add-ins were not originally installed.

# • Registry problems when running *SimulAr*:

If, when opening *SimulAr*, you get a message like the following, you do not have permission to edit the Windows registry.

Microso	ft Visual	Basic						
Run-tii Invalid "HKEY Explor Compa Flags"	ne error '- Loctin re LOCAL_M er\ActiveX atibility\{63	-214702489 :gistry key 1ACHINE\SC ( 262D3A0-53	1 (8007 DFTWAR 31B-11C	0005) RE\Wo	)': pw6432Nr F6-C2863	ode (Micr C385E3	osoft\Inte 0}\Compa	erne Itibil
Cor	ntinue	End			Debug		Help	

To solve this problem follow the next steps (it will be assumed that the user has Windows 7 - 64 bits):

1) Go to "Windows Vista Botton". In the "Start Seach box" type "regedit" and press "enter":

Programs (1)	
ở regedit	
0.0	
♀ See more results	
regedit ×	Shut down 🕨

2) Then the Registry Editor will open:



3) Browse throughout the tree and find and select the following:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Internet Explorer\ActiveX Compatibility\{6262D3A0-531B-11CF-91F6-C2863C385E30}

You can see the screen captures below:



Registry Editor			
	Name	Type	Data
HKEY_CLASSES_ROOT	ab (Default)	REG SZ	(value not set)
			(/
HKEY_LOCAL_MACHINE     BCD00000000			
HARDWARE			
sam			
SOFTWARE			
All lechnologies			
b BioAPI			
▶ 🛺 Broadcom			
Business Objects			
D lients			
🔉 🌗 Cyberlink			
⊳ 🍶 Dell			
Hewlett-Packard      InstalledOntions			
⊳ 🚡 JavaSoft			
Khronos			
⊳ - <mark>III LogMeIn</mark>			
MathWorks			
Microsoft			
MozillaPlugins			
NTRU Cryptosystems			
NVIDIA Corporation			
Policies			
Protector Suite			
Protector Suite QL			
KegisteredApplication SAS Institute Inc.			
Sonic			
Wave Systems Corp			
Wene Systems Com			
SYSTEM			
HKEY_USERS			
B IKEY_CURRENT_CONFIG			
	1		
2 🍒 w	ow6432Node		
Þ	Adobe		
	Analog Device		
	Canon		
►	Classes		
Þ - 🛄	Clients		
P - <mark>↓</mark>	CyberLink		
	Debug		
×	Dell Inc.		
⊳ - <b>—</b>	Google		
Þ 📜	Hewlett-Packa		
Þ	InstallShield		
ь <mark>.</mark>	Intel		
Þ - <b>□</b>	ISI ResearchSo		
Þ - 🌉	JavaSoft		
	JreMetrics		
	Lake		
	Macromodia		
▶ <b>(</b> )	Microsoft		
Þ 🤳	MicroVision		



## And finally:



4) Once you are there, right-click on the mouse. A popup window will appear. In this window, select "Permissions...". You will then see the following screen:

Security Group or user names:		
& CREATOR OWNER & SYSTEM		
Administrators (ICPC199\Adm & Users (ICPC199\Users)	inistrators)	
	Add	Remove
Permissions for Users	Allow	Deny
Full Control	V	
Read Special permissions	$\checkmark$	
For special permissions or advance click Advanced.	ed settings,	Advanced
Leam about access control and pe	emissions	
Learn about access control and pe	emissions	

5) Select the user you are logged on and click on "Allow" in "Full Control" under the "Permissions for users" box.

6) Close de Registry Editor. SimulAr should work properly now.

Note: If you have Windows 32 bit installed you must find the following instead:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ActiveX Compatibility\{6262d3a0-531b-11cf-91f6-c2863c385e30}

# • Problems with the "objects" when opening *SimulAr*:

If, when opening *SimulAr*, you face and screen with the error:

"Could not load an object because it is not available on this machine"

it is possible that an error when installing the module OWC has occurred. Please make sure that you have installed the OWC v10.0 and security update for Microsoft Office XP Web Components (KB947320) following the guidelines mentioned above. The screens should be the same as those mentioned above.

It is also possible that you may try to install the OWC security update but an error prevents your success. In such cases and before finishing the installation you can usually see a message saying

"The expected versión is not found in your system"

This error prevents *SimulAr* working properly since one object is missed. One possible solution to this problem is:

1) Download the file "owc10update.zip" from http://www.simularsoft.com.ar/owc10update.zip

2) Extract the file "OWC10.dll" and replace the original one that you currently have in your system. For example, in Windows 7 - 64 bits the file "OWC10.dll" is located in "C:\Program Files (x86)\Common Files\microsoft shared\Web Components\10:

0-1			<				. 0	Х
🗿 🔵 🗢 📗 « micr	osoft shared 🕨 Web Components	▶ 10 ▶	•	• • •	Search 10	_		
Organize 🔻 Inclu	de in library 🔻 Share with 💌	Burn	New folder			• ==		0
🚖 Favorites	Name		Date modifi	ed	Туре	Size		
📃 Desktop	J082		14/11/2012	16:24	File folder			
\rm Downloads	WC10.DLL		20/07/2009	01:13	Application extens.		7,086 KB	
归 Recent Places								
詞 Libraries								
Documents								
J Music								
Pictures								
Videos								

3) Once you copy and paste the new "OWC10.dll" and in order to check if you have now the proper versión, right-click on the mouse and select "Properties":

Core Karley Coresoft	t shared 🕨 Web Components 🕨	10 🕨		• 47	Search 10		x P
Organize 🔻 🔳 Open	with Burn New folder				Ē	≡ - □	?
🔆 Favorites	Name			Date modified	Туре	Size	
🧮 Desktop	3082			14/11/2012 16:24	File folder		
Downloads     Recent Places     Libraries     Documents     Music     Pictures     Videos	⊗ OWC10.DLL		Open with Scan with Restore p Send to Cut Copy Create sh	th Sophos Anti-Virus revious versions ortcut	cation extens	7,086 KB	
Normal Computer (Second Computer ) (Second Computer		() ()	Delete Rename				
🚽 data files (\\icserver. 🖵 Luciano Machain (\\			Propertie	s			

Next, select "Details" and look at the "File versión" box. If the versión indicates "10.0.6854.0" the file has been properly pasted.

OWC10.DLL Prop	perties 🛛 🔀
General Digital Sig	natures Securi Details Previous Versions
Property	Value
Description — File description Type File version Product name Product version Copyright Size Date modified Language Original filename	Microsoft Office XP Web Components Application extension 10.06854.0 Microsoft Office XP 10.0.6854 Copyright@ Microsoft Corporation 1983 6.91 MB 20/07/2009 01:13 Language Neutral OWC10.DLL et and Personal Information
	OK Cancel Apply

4) Unfortunately, only copying and pasting this file is not enough and you must register the library (registration is automatically done when installing the update). To register this file:

a) Go to the Windows "Start" button, then "Programs", then "Accessories" and then right-click on "Command Prompt":



b) Then select "Run as administrator" and you will see the following window:



c) Type "Regsvr32" plus the route where the file "OWC10.dll" is located. For example, for Windows 7 – 64 bits, you have to type:

Regsvr32 "C:\Program Files (x86)\Common Files\microsoft shared\Web Components\10\owc10.dll"

Pres "enter" and the file "owc10.dll" will be registered:



d) Finally, reinstall SimulAr.

## • Other problems when running *SimulAr*:

1) Module "MSFlexGrid": Some users have reported this error, but it is not very frequent. When trying to run *SimulAr*, an object error similar to the one mentioned above is displayed but the reason here is different. This problem has been solved by deleting the file called "msflexgrid.exd". That is, use the Windows search option, locate this file and delete it.

2) Some users have reported that *SimulAr* is not working properly when there is an Excel sheet opened completely empty (for example, the Excel sheet that opens by default when running *SimulAr*). Do not leave an empty Excel sheet opened. For a better efficiency of the program, close all unused Excel files and leave only opened the Excel file that contains the model you are working on.

## SECTION II: Step by step setup guide

If the version of *SimulAr* you must install is called "*simularv2513e.zip*", there are two different files you must download and install:

- 1. SimulAr, file "simularv2513e.zip".
- 2. The module "Office Web Components v11.0" (OWC) that can be downloaded from: http://www.simularsoft.com.ar/owc11.zip

**1**) First, you must install the module OWC v11.0. By running the file called "owc11.exe", the following screen will appear:



Click on "I accept the terms in the License Agreement" and click on "Install". If the installation is successful, the next window will appear:

闄 Micro	osoft Office 2003 Web Components Setup	x	
	Microsoft Office 2003 Web Components Setup has completed successfully.		
	ОК		

Click on "OK" to conclude.

2) The last step consists in installing *SimulAr*. Run the corresponding file and click "Next >":



Then select "I accept the agreement" and click "Next >".

icense Agreem	ent			
Please read the	following important inf	ormation before continui	ng.	Ċ
Please read the agreement befor	following License Agr e continuing with the i	eement. You must accep installation.	ot the terms of this	
Términos y con	diciones de uso:			*
SimulAr no es u "emailware", lo comentarios ac desarrolló para SimulAr. Cualqu con una copia i análisis de riesg industrial. Cada ayudando a otro	n programa de uso gra cual significa que Ud. erca del programa, pa compartito con el rest iera que lo utilice sin c legalIII El objetivo de i o tanto en el ambiente vez que un usuario di o a conocer este meci	atuito sino que es un sof tiene que enviar un ema ra qué fines lo utilizó y el o de los usuarios a travé cumplir estas condicione Simul Ar es difundir la téc a académico como en el searrolle un modelo de s anismo y describiéndole	ware considerado il al autor con sus modelo en Excel que s del stito Web de s estará trabajando nica de simulación y mundo empresario e mulación estará en qué situaciones o	- III
I accept the	agreement			
I do not acce	pt the agreement			

On the next window you have to indicate the folder you want to install *SimulAr* and the user manual:



Click on "Next >" to continue. Next, you have to indicate the name and place of the shortcut.



Click "Next >" again and you will have the chance to create a shortcut on the windows desktop.

Setup - SimulAr	_	
Select Additional Tasks Which additional tasks should be performed?		Ð
Select the additional tasks you would like Set click Next.	up to perform while insta	lling SimulAr, then
Additional icons:		
Create a desktop icon		
	< Back Nex	t > Cancel

Click on "Next >" and a new windo will indicate that everything is ready to start with the setup process. Click on "Install".

eady to Install Setup is now ready to begin installing	SimulAr on your computer.	
Click Install to continue with the instal change any settings.	llation, or click Back if you want to r	review or
Destination location: C:\Program Files (x86)\SimulAr Start Menu folder: SimulAr Additional tasks: Additional icons: Create a desktop icon		*
		~

ease wait while Setup installs SimulAr on your computer.	Ċ
reating shortcuts	
:\Users\uciano machain\Desktop\SimulAr.Ink	

Once the installation finishes, click on "Launch SimulAr" and "Finish".

😼 Setup - SimulAr	
	Completing the SimulAr Setup Wizard
	Setup has finished installing SimulAr on your computer. The application may be launched by selecting the installed icons.
	Click Finish to exit Setup.
	☑ Launch SimulAr
	Finish

The installation process is now complete and *SimulAr* was successfully installed. You can get access to *SimulAr* by clicking on the icon generated in the folder called *SimulAr*. Additionally, you can uninstall the software by clicking on "Uninstall *SimulAr*".

🛯 🎍 SimulAr	
🔁 Manual del Usuario	
SimulArv25	
🛃 Uninstall SimulAr	-
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• Enabling the Excel add-ins "analysis toolpack" and "solver".

You must activate the Excel add-ins "analysis toolpak", "analysis toolpak - VBA" and "Solver". To enable these add-ins open Excel and select the "File" menu and then "options".



On the next window click on "Add-ins" and then "Go..."

Seneral			
	View and manage Microsoft Office Add-ins.		
ormulas			
Proofing	Add-ins		
ave	Name 🛦	Location	Type
	Active Application Add inc	cocution	ijpe
anguage	Microsoft Visual Studio 2008 Tools for Office Design Time Adaptor for Excel 2003	c) tor dll	COM Add in
dvanced	Microsoft Visual Studio 2008 Tools for Office Design-Time Adaptor for Excel 2007	c\tor.dll	COM Add-in
ustemize Dibbon	Inactive Application Add-ins		
ustoninze Ribbon	Analysis ToolPak	C:\32.XU	Excel Add-in
uick Access Toolbar	Analysis ToolPak - VBA	C:\XLAM	Excel Add-in
	Custom XML Data	C:\D.DLL	Document Inspector
dd-Ins	EndNote (Cww Citation Recognizer)	C:\yw.dll	Action
	Euro Currency Tools	C:\XLAM	Excel Add-in
rust Center	Financial Symbol (XML)	C:\FL.DLL	Action
	Headers and Footers	C:\D.DLL	Document Inspector
	Hidden Rows and Columns	C:\D.DLL	Document Inspector
	Hidden Worksheets	C:\D.DLL	Document Inspector
	Invisible Content	C:\D.DLL	Document Inspector
	Microsoft Actions Pane		XML Expansion Pack
	Microsoft Actions Pane 3		XML Expansion Pack
	Solver Add-in	C:\XLAM	Excel Add-in
	Document Related Add-ins		
	No Document Related Add-ins		
	·		•
	Add-in: Microsoft Visual Studio 2008 Tools for Office Design-Time Adap	tor for Excel 20	003
	Publisher: Microsoft Corporation		
	Compatibility: No compatibility information available		
	Location: c:\Program Files (x86)\Microsoft Visual Studio 9.0\Visual Studio	Tools for Offic	e\
	VSTOExtel2005Adaptor.dll Description Misseseff Visual Grunis 2000 Teach for Office Design Time Adapt		000
	Description: Microsoft Visual studio 2008 roots for Office Design-fille Adap	tor for Excel 20	005
	Manager Evrol Add inc		

The following window will be displayed:

Add-Ins		? X
Add-Ins available:		
Analysis ToolPak Analysis ToolPak - VBA	-	ОК
Solver Add-in		Cancel
		Browse
		Automation
	-	
Solver Add-in		
Tool for optimization	and equa	ation solving

Enable the add-ins "analysis toolpak", "analysis toolpak - VBA" and "Solver". Then press "OK". It is possible that Excel may require the installation CD if these add-ins were not originally installed.

# • Registry problems when running *SimulAr*:

If, when opening *SimulAr*, you get a message like the following, you do not have permission to edit the Windows registry.

Microso	ft Visual	Basic						
Run-tir Invalid "HKEY Explore Compa Flags".	ne error '- root in re LOCAL_M er \ActiveX htibility \{63	214702489 gistry key IACHINE\S ( 262D3A0-5	91 (8007 OFTWAR 31B-110	70005 RE\W CF-91	))':  ow6432N  F6-C2863	ode (Micr C385E3	osoft\Inte 0}\Compa	erne Itibil
Cor	itinue	End	ł		Debug		Help	

To solve this problem follow the next steps (it will be assumed that the user has Windows 7 - 64 bits):

1) Go to "Windows Vista Botton". In the "Start Seach box" type "regedit" and press "enter":

<table-of-contents></table-of-contents>	Programs (1)	
	ở regedit	
	<b>.</b> .	
♀ See more results	₽ See more results	_
regedit × Shut down →	regedit ×	Shut down 🕨

2) Then the Registry Editor will open:



3) Browse throughout the tree and find and select the following:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Internet Explorer\ActiveX Compatibility\{6262D3A0-531B-11CF-91F6-C2863C385E30}

You can see the screen captures below:



Registry Editor			
	Name	Type	Data
HKEY_CLASSES_ROOT	ab (Default)	REG SZ	(value not set)
			(/
HKEY_LOCAL_MACHINE     BCD00000000			
HARDWARE			
sam			
SOFTWARE			
All lechnologies			
b BioAPI			
▶ 🛺 Broadcom			
Business Objects			
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	JreMetrics Vbropper		
	Lake		
	Macromodia		
▶ <b>(</b> )	Microsoft		
Þ 🤳	MicroVision		



## And finally:



4) Once you are there, right-click on the mouse. A popup window will appear. In this window, select "Permissions...". You will then see the following screen:

Security Group or user names: CREATOR OWNER SYSTEM Administrators (ICPC199\Adm Users (ICPC199\Users)	ninistrators)	
Permissions for Users	Add Allow	Remove
Full Control Read Special permissions	V 	
For special permissions or advance click Advanced. Learn about access control and p	ed settings,	Advanced
Learn about access control and p	emissions	Appl

5) Select the user you are logged on and click on "Allow" in "Full Control" under the "Permissions for users" box.

6) Close de Registry Editor. SimulAr should work properly now.

Note: If you have Windows 32 bit installed you must find the following instead:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ActiveX Compatibility\{6262d3a0-531b-11cf-91f6-c2863c385e30}

## • Problems with the "objects" when opening *SimulAr*:

If, when opening *SimulAr*, you face and screen with the error:

"Could not load an object because it is not available on this machine"

it is possible that an error when installing the module OWC has occurred. Please make sure that you have installed the OWC v11.0 following the guidelines mentioned above. The screens should be the same as those mentioned above.

## • Other problems when running *SimulAr*:

1) Module "MSFlexGrid": Some users have reported this error, but it is not very frequent. When trying to run *SimulAr*, an object error similar to the one mentioned above is displayed but the reason here is different. This problem has been solved by deleting the file called "msflexgrid.exd". That is, use the Windows search option, locate this file and delete it.

2) Some users have reported that *SimulAr* is not working properly when there is an Excel sheet opened completely empty (for example, the Excel sheet that opens by default when running *SimulAr*). Do not leave an

empty Excel sheet opened. For a better efficiency of the program, close all unused Excel files and leave only opened the Excel file that contains the model you are working on.

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Updated September 2013