Step by Step Instructions to Download and Install ISIM Martín Cicowiez this version: July 20, 2021

# **1. Software Requirements**

In order to use ISIM, the user needs a PC running **Windows** with Excel 2010 or newer, and GAMS distribution 24.3 or newer with the PATH solver installed – along with a valid license file. In addition, notice that you will require administrative rights to install the software.

The last version of the GAMS software can be downloaded from <a href="http://www.gams.com/download/">http://www.gams.com/download/</a>.

To install GAMS, run the installation file and follow the screen messages; also, note that

- depending on your version of Excel 2010 or newer select one of the following files -users of Excel 2007 should install the 32 bits version of GAMS:
  - 32 bits version (windows\_x86\_32.exe)
  - 64 bits version (windows\_x64\_64.exe)
- the installation may require administrative privileges on your computer
- you will be asked for the GAMS license file (gamslice.txt) during the installation; browse the file system and find the license file gamslice.txt that you must have; for detailed instructions visit <u>http://support.gams.com/doku.php?id=02g5ku</u>

### 2. Downloading ISIM

Currently, there are two versions of ISIM, 32 and 64 bits. The user should install the one that matches his/her version of Excel 2010 or newer.

- To determine which version of <u>Excel 2010</u> you have installed, open Excel 2010 and go to File | Help. The information can be found on the right-hand side of the screen below the "About Microsoft Excel" legend.
- to determine which version of <u>Excel 2013</u> or newer you have installed, open Excel 2013 and go to File | Account | About Excel. The information can be found on the top of the screen.

(For additional details, see http://kb.jetreports.com/article/AA-00722/0/Howtodetermine-whether-you-have-32-bits-or-64-bits-Excel.html.) Notice that what is relevant is the version of Office you are using, not the version of Windows. The ISIM installation files can be downloaded from

#### 32 bits

https://www.dropbox.com/s/xc4kseyjsg4vdn2/IM-2021-07-20-Office32bits.zip?dl=0

#### 64 bits

https://www.dropbox.com/s/qaq9hvmu6czqnx2/IM-2021-07-20-Office64bits.zip?dl=0

# 3. Installation

ISIM software is distributed as a zip file that contains a setup file. To install the software, (1) create a new folder (for example, C:\Temp), (2) unzip the file **IM-yyyy-mm-dd-Office32bits.zip** or **IM-yyyy-mm-dd-Office64bits.zip** into that folder, and (3) run the file setup.exe (see Figure 1 and Figure 2). In general, an Internet connection is required to automatically update some Windows and/or Office components.

Figure 1: ISIM installation file

isim		_		<						
Welcome to the ISIM Setu	p Wizard		Ę							
The installer will guide you through t	he steps required	to install ISIM on y	our computer.							
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.										
	Cancel	< Back	Next >							

In case the installation process detects the presence of an older version of ISIM, the installer will stop and will ask the user to (a) repair ISIM, or (b) remove ISIM (see Figure 3). To install the new version, select the first option. To uninstall the software, the **Control Panel | Programs and Features** option in Windows can also be used.

ISIM		_		×
Welcome to the ISIM Setu	ıp Wizard			
Select whether you want to repair or	remove ISIM.			
Repair ISIM				
◯ Remove ISIM				
	Cancel	< Back	Fir	nish

Figure 2: message in case an existing version of ISIM is detected

In case needed, the installation process will connect to the Internet to download the "Visual Studio Tools for the Office System 3.0 Runtime", an Office component that is needed to execute Office add-ins or customizations. The user will be asked to restart Excel once ISIM in installed.

Once finished, an ISIM tab will be added to Excel 2010 or newer (see Figure 3). <u>Please let</u> <u>us know if this is not the case.</u>

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### Figure 3: the ISIM tab in Excel