

# MGMVs 2017 A1 – MGM Growth Engine and SVS Installation Guide

## System Requirements:

Windows 7 or Higher – 32-bit or 64-bit operating systems

Microsoft Excel 2007, 2010, 2013 or 2016 – 32-bit versions only

## 1. Setup the MGM07AddIn and Stand Visualization System (SVS)

### 1.1. Prepare to Install the MGM07AddIn and the Stand Visualization System (SVS)

- 1.1.1. Ensure that you have “Administrator Rights” on your computer. “Administrator Rights” are required to install the MGM07AddIn.
- 1.1.2. Uninstall any previous versions of the MGMAAddIn. (Go to: Control Panel|Programs|Programs and Features.) Select “MGM07AddIn” from the list. Click “Uninstall”. The current MGM07AddIn will not install if previous versions exist on your computer.
- 1.1.3. Uninstall any previous versions of SVS. (While in: Control Panel|Programs|Programs and Features.) Select “Stand Visualization System (SVS)” from the list. Click “Uninstall”. Agree to all remaining dialogs. (Close the Control Panel.)
- 1.1.4. Change Excel Settings. (Open Excel. Go to: File|Options|Trust Center|Trust Center Settings...|Add-ins.) Uncheck “Require Application Add-ins to be signed by Trusted Publisher”. (Close Excel.)

### 1.2. Install the MGM07AddIn

- 1.2.1. Important: After downloading the “MGMVs 2017 Package.zip” file and before un-compressing the files, you must “unblock” the zip file in order to avoid security warnings and installation issues relating to potentially unsafe content.
- 1.2.2. To “unblock” a file, right-click on the “MGMVs 2017 Package.zip” file in Windows Explorer, choose **Properties** from the context menu, click the **Unblock** button in the lower right-hand corner of the resulting dialog, and hit **OK** or **Apply**:
- 1.2.3. Extract all files from the compressed (.zip) folder “MGMVs 2017 Package.zip” into a new working directory (e.g. “C:\MGMVs 2017” or “C:\Users\YourProfileName\Desktop\MGMVs 2017”). Do not open or execute any files directly from the (.zip) folder!
- 1.2.4. Ensure that your working directory contains 1) The folder “MGM Workbook Files 2017”; 2) The folder “MGMVs 2017 Growth Engine”; and 3) The read-me document “MGM Growth Engine Installation Guide April 14 – 2017.PDF”.
  - 1.2.4.1. The folder “MGM Workbook Files 2017” contains the MGM workbooks directory.
  - 1.2.4.2. The folder “MGMVs 2017 Growth Engine” contains the MGM07AddIn setup.
  - 1.2.4.3. Both folders are required to install the MGM07AddIn and run MGMVs 2017.
- 1.2.5. Run “Setup.exe” in the “MGMVs 2017 Growth Engine” folder. A “Publisher cannot be verified” dialog will appear. Click “Install”. Then, a “Microsoft Office customization was successfully installed” dialog will appear. Click “Close”.
- 1.2.6. Complete the MGM07AddIn installation. (Open Excel. Go to: File|Options|Add-Ins.) Verify that the “MGM07AddIn” is listed as an “Active Application Add-in”. At the bottom of the same window, is a “Manage:” drop-down menu. Select “Excel Add-ins” and, click “Go”. Then, a new dialog will appear. Check the “Analysis ToolPak” and “Solver Add-in” boxes. Click “OK”. (Close Excel.)
- 1.2.7. Install the MGM template files on your computer. Create a working copy of MGM. (Go to: Your working directory from Step 1.2.1. Open the “MGM Workbook Files 2017” folder.) Open the “MGMVs 2017 A1 Rev XXXX.xlsm” workbook. A dialog will appear and recommend that the workbook be opened as “read-only”. Click “Yes”. Next, a “Security Warning” will appear under the Excel Ribbon. Click “Enable Content”. Finally, a “MGM” dialog will appear. Click “Yes”. Allow all of the Excel worksheets to disappear. (Close Excel.)

### 1.3. Installing the Stand Visualization System (SVS)

- 1.3.1. Create a new folder in your working directory to extract SVS. (Go to: Your working directory from Step 1.2.1.) Create a new folder called "SVS".
- 1.3.2. Download the Stand Visualization System (SVS). (On your web browser, go to: <http://forsys.cfr.washington.edu/svs.html>. Verify that the website address belongs to the University of Washington.) Under "Download the software using HTTP protocol", click on the "Windows version" of SVS.
- 1.3.3. Extract SVS. (Go to: Your web browser's download directory) Run "winsvslatest.exe". A "WinZip Self-Extractor" dialog will appear. Extract "winsvslatest.exe" into the "SVS" folder of your working directory. (Close the "WinZip Self-Extractor".)
- 1.3.4. Install SVS. (Go to: Your working directory from Step 1.2.1. Open the "SVS" folder.) Run "SETUP.exe". Click "Next" on the "Welcome" and "SVS README file" dialogs. In the "Choose Destination Location" dialog, ensure that the SVS "Destination Folder" is: "C:\Program Files (x86)\SVS". MGMvs 2017 references this specific directory for the SVS executable files. Click "Next". In the "Setup Type" dialog, choose "A new installation with example data files". Click "Next" on all remaining dialogs, and click "Finish" to complete the SVS installation.
- 1.3.5. Specify the tree graphics to be used by SVS. (Go to: Your working directory from Step 1.2.1 ) Open the "MGM Workbook Files 2017" folder. Copy the "MGM.trf" file. (Go to: "C:\Program Files (x86)\SVS".) Paste "MGM.trf" into "C:\Program Files (x86)\SVS". (Close the "C:\Program Files (x86)\SVS" folder.)

### 1.4. Verify your MGM and Stand Visualization System (SVS) Install

- 1.4.1. Verify your MGM install. (Go to: Your working directory from Step 1.2.1. Open the "MGM Workbook Files 2017" folder.) Open the "MGMvs 2017 A1 Rev XXXX - My Working Copy" workbook. A "Security Warning" will appear under the Excel Ribbon. Click "Enable Content". Finally, a "MGM - - Notes" dialog will appear. Click "Ok". On the Excel Ribbon, go to the "MGM" tab. Click on the "For All CP" button. A MGM dialog will appear. Click "Yes" and "...project growth for ALL CP in the CP worksheet". View the "Graphs" worksheet to verify that the "Distribution Example CP" ran.
- 1.4.2. Verify your SVS install. After running the "Distribution Example CP" in Step 1.4.1, select the "MGM" tab on the Excel Ribbon. Under the "Manage/View Projection Results" sub-ribbon, click on "Set SVS.exe Path/Name". If the SVS directory is correct, a dialog will state "...no further action required". Click "Ok". If the SVS directory is incorrect, set the correct SVS directory path.

### 1.5. Installation Issues

- 1.5.1. These instructions were developed using Windows 7 and Microsoft Office 2010.
- 1.5.2. Please email [Mike.Bokalo@UAlberta.ca](mailto:Mike.Bokalo@UAlberta.ca) if you have any questions or issues.