# SCOM MP Sealer v1.0.1

I have finally found the time to rewrite the code for my MP Sealer tool. What this app does is streamline the sealing and archiving of SCOM Management Packs allowing for rapid deployment of Management Packs.

I have made the following changes to it:

- Changed the required .net version to 3.5
- Removed the dependency of MPSeal.exe
- Added the ability to store MP backups in a zip file per Management Pack that you seal
  - Thanks to .net zip.
- Did some minor changes to the UI
- Added a setting form rather than have all the options on the same form

So what does the new version look like? Well a little something like this.
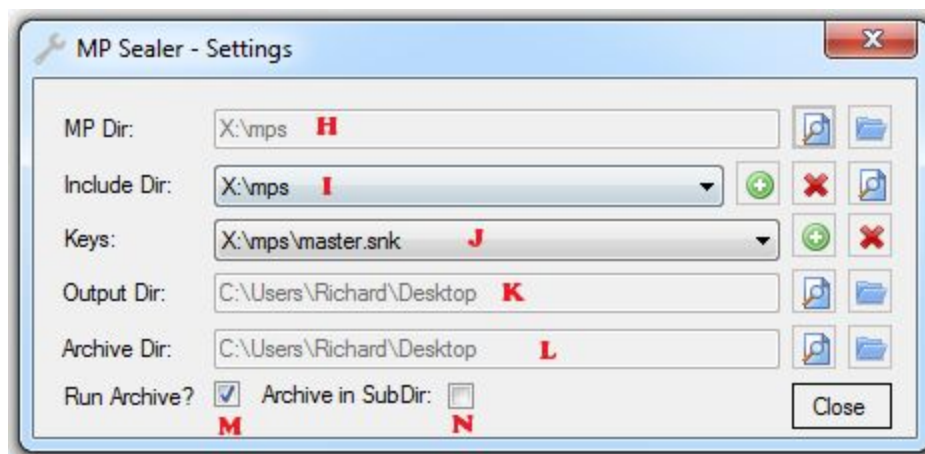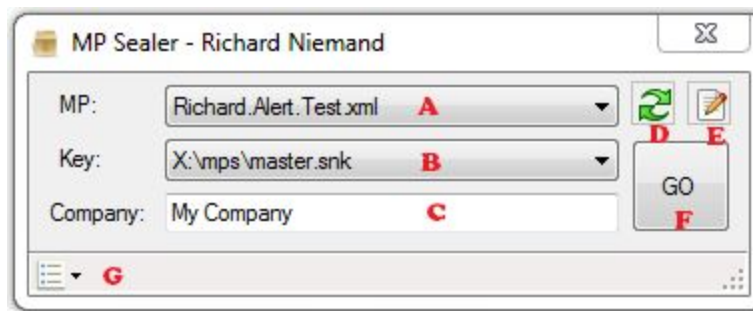
The usage has stayed pretty much the same, just configure all the required settings, point it to the right management pack and click seal. Here is a quick description for all the elements in the MP Sealer Tool.

#	Name	Description
A	MP Name	This is a list of all the sealable Management Packs in your targeted directory.

B	Key Files	This is a list of all the possible key files that you can use to seal your Management Pack.
C	Company Name	This is the name of the company that the Management Pack belongs to.
D	Refresh MP List	Clicking this button will refresh the MP dropdown list and also select the last modified file; this is a handy way to select a Management Pack that you have just finished editing.
E	Edit XML	Clicking this will open the currently select Management Pack in notepad.
F	GO	Clicking this button will seal the currently selected Management Pack with all the options you have selected.
G	Menu	This is a drop down menu which contains links to the settings page and close application button.
H	MP Directory	This is the directory that the application will look in for Management Packs to seal.
I	Include Directories	This is a collection of all the include "search in" directories to use for sealing a Management Pack, if you reference an external Management Pack, ensure that its containing folder in in this list. There are controls to the right of this dropdown that allow you to add, remove and open the folders.
J	Key Files	This is a list of all the key files to choose from when sealing a Management Pack, use the controls to the right of the dropdown to add and remove keys from the list.
K	Output Directory	This is the directory to save the sealed Management Pack to.
L	Archive Directory	This is the location for the application to store archived Management Packs to. I have written a bit more information about how the Archiving process works at the bottom of this post.
M	Run Archive	Check this to enable Management Pack archiving.
N	Archive in Sub Directories	Checking this will force the archive to place each archived zip file into a sub directory of the selected Management Packs name, this might be useful – me I personally don't use this.

How Archiving Works

I have a very simple method when it comes to archiving, which I have built into my MP Sealer Tool. The idea is to rename the source Management Pack using the following mask:

● <MP Name>.xml.<MP Version>

This method allows for multiple version of the same Management Pack to be saved to the "store" and will allow for quick comparisons of differences between Management Packs (in my next release of this tool).

To keep me sane and so that I don't have to work with millions of files I have added some logic in to create a zip file named after the Management Pack and store all the versions inside of this (nice and tidy).

Well that's about it for the current release of the MP Sealer Tool feel free to grab a copy of it [here](), and please comment on it – need some more input.