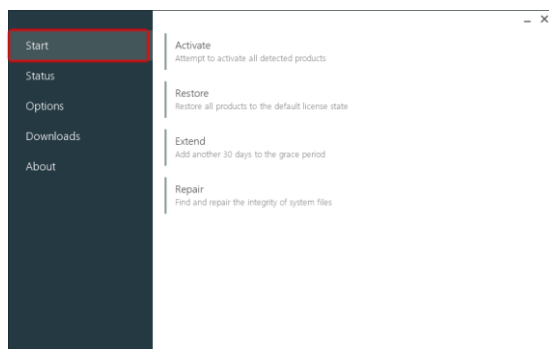


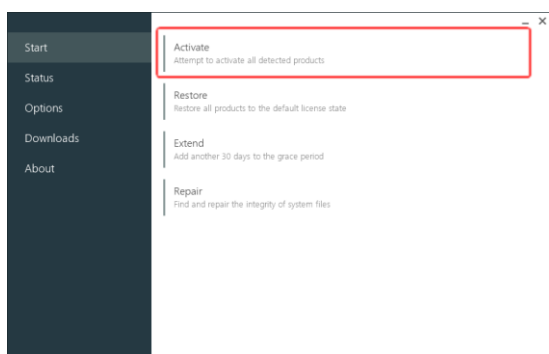
# Windows & Office Activator v1.4.3 – Manual

## Chapter 1 - Start



The start page shows all major tasks you are able to execute you can do this by clicking on the button you wish to run. All tasks are explained below, what they do and what they mean. All these tasks provide a full automatic solution.

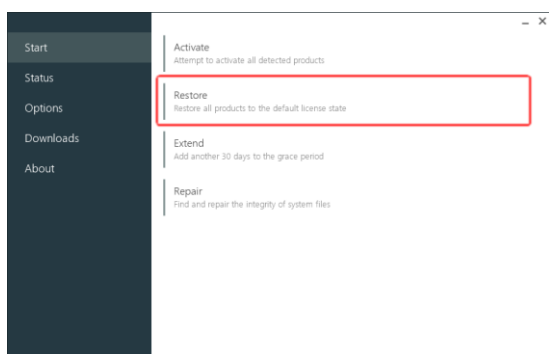
### 1.1 - Activate



Activate is the first option at the start page. When pressing this button the program will attempt to activate all products that were detected at start-up.

All products will rely on the settings in the options page. If some settings were set invalid, activation will return an error. (To resolve this click the defaults button in the options page). Products that are globally ignored will not get activated.

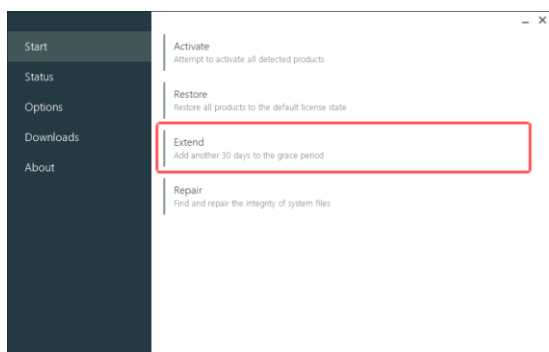
### 1.2 - Restore



Restore is the second option at the start page. The restore option will try to undo all changes that were made when activating. Volume products might still be in the activated license state after restore. You are able to ignore products you don't want to restore (see section 3.2).

**NOTE:** *Using this option will reset the license(except ignored) to default, which will always result in loss of activation.*

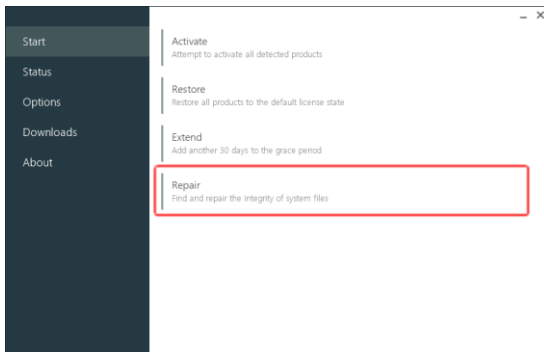
### 1.3 - Extend



Extend is the third option at the start page. Extending the product grace period will simply add 30 days of extra grace period for the found products. This is also known as 'rearm'. However, rearming is limited on all products up to 5 times in Microsoft Office and up to 3 times in Microsoft Windows.

**NOTE:** *Rearming Windows 8 or higher doesn't add 30 days of grace period anymore.*

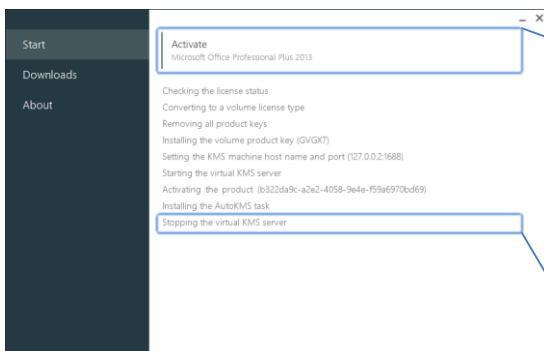
## 1.4 - Repair



Repair is the fourth option at the start page. Repair is only available on supported operating systems. It will check the system file integrity, corrects file permissions and repairs services used for activation.

\*This process might take longer than 20 minutes.

## 1.5 – Executing tasks

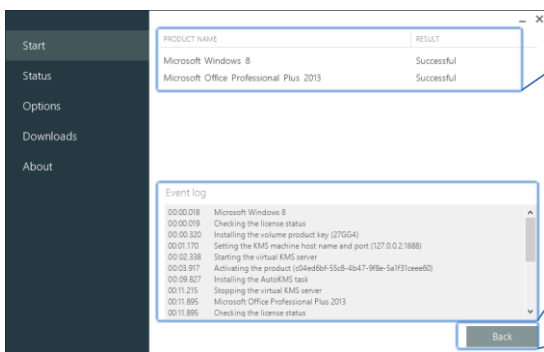


Task currently running and product name

When you clicked on one of the buttons on the start page you will see this page. This page is a live event list of all steps including values that might be set.

The step being executed

## 1.6 – Results



Product name and the result from the task

If all tasks have been executed you will see a result page with the product name and corresponding result. Also an event log is created to review what the application has done.

Event log (with time stamps)

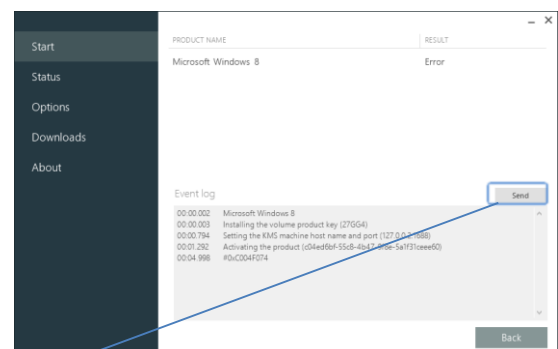
Back button

\*Pressing the back button will return you to the start page with all the major tasks.

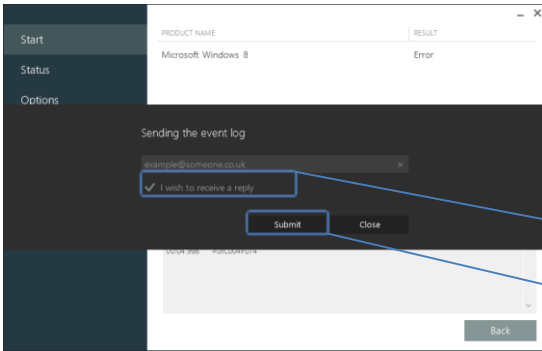
### 1.6.1 – The event log

The event log holds a list of all steps that have been done. If errors have occurred than you will see the hash mark (#) and the error message or error code next to it. Also a send button will appear in case you wish to get help.

If you wish to receive help with a certain error message or error code then click the send button to send the event log.



Send button



When you clicked the send button a window will popup asking an email address. Enter a valid email. This email address will only be used to contact for related problems or solutions.

Check this if you wish to get contacted for help!

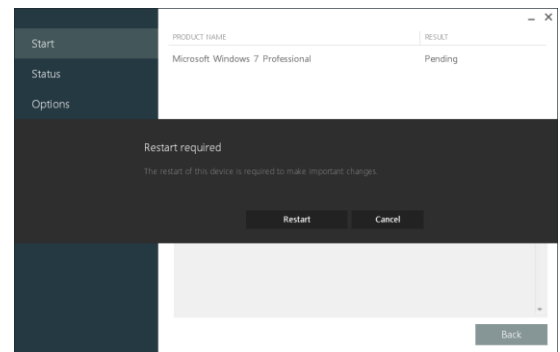
Click the submit button to send your event log

\*You cannot send the same event log more than one time.

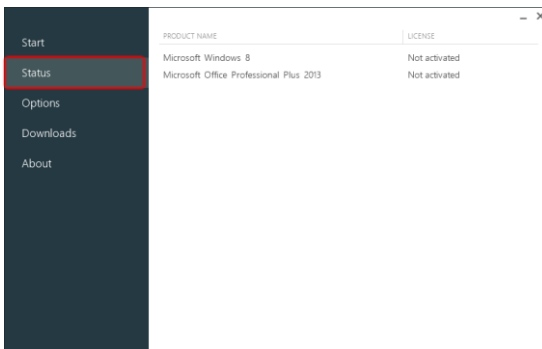
## 1.6.2 – Reboot

If your task was successful or reached an important point then the application will ask you to reboot the device to make important changes.

**NOTE:** *Rebooting is always required when using OEM activation!*



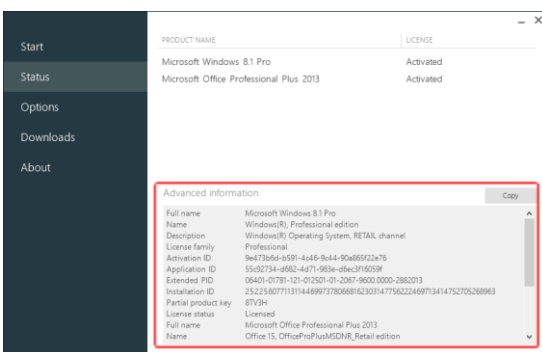
## Chapter 2 – Status



The status page will show the license status of all detected products. The status will refresh every time you visit this page or clicking the status button. Advanced information takes a bit longer to load.

Products that are globally ignored will not be shown.

## 2.1 – Advanced information

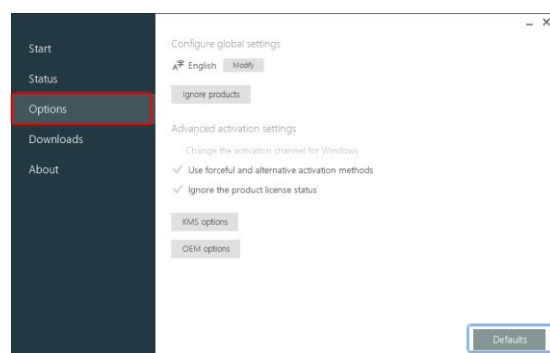


The advanced info box includes extra product information from all detected products like the SKU and grace period remaining. This might come in handy for advanced users or developers who wish to perform actions with this information. This information is only displayed in English.

## 2.1.1 – Description table

Full name	The full product name.
Name	The product name.
Description	The product description and channel.
License family	The group identifier for the SKU used to determine license relationships for add-ons.
Activation ID	The product identifier or SKU.
Application ID	The ID of current product application.
Extended PID	The product key identifier.
Installation ID	The offline installation identifier of this product application for offline activation.
Partial product key	The last five characters of the product key.
License status	The license status of this product application.
Remaining grace	The remaining time before the application goes into notification mode.

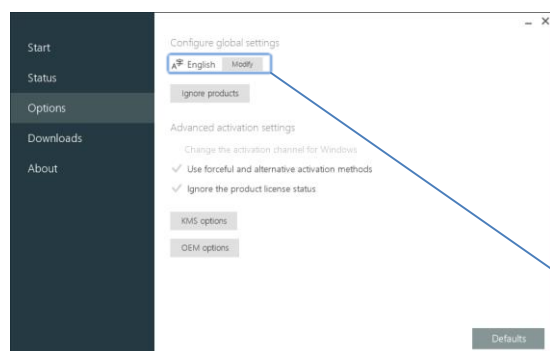
## Chapter 3 – Options



The options page provides settings like user-interface language and advanced activation settings. There's also a default button in case invalid input and settings may interrupt the activation process or other tasks.

Defaults button (reset all settings)

### 3.1 – Languages



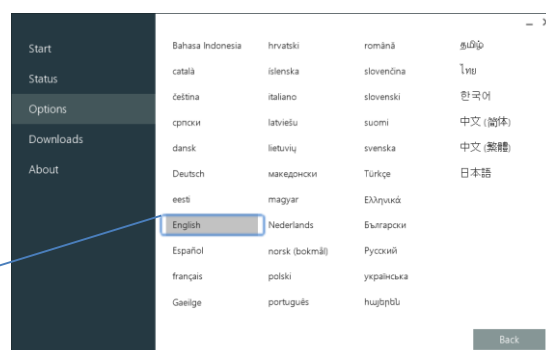
When the application starts the language from the operating system is automatically detected and applied. The language in use is displayed in its native name. You are able to change the current language by clicking the modify button next to the native language name. Translations are offline (no internet connection is required)

Current display language and modify button

#### 3.1.1 – Language grid

If you clicked the modify button you will see a grid with all available display languages. The highlighted item in grey is the current language displayed. Click or tap on the desired language to change the current language. To return to the options page click the back button.

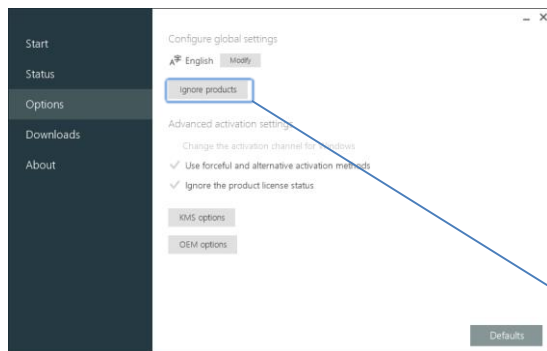
Current selected language



### 3.1.2 - Smart language

Smart language is a simple translation optimizer which will try to correct possible non-translated strings or wrong translated text. Some words or sentences could always be translated wrong. This is due to the recognized context of the text to translate. Smart language runs before the application starts. If you see any incomplete or wrong translation then please report this (see [chapter 7](#)).

### 3.2 – Ignore products



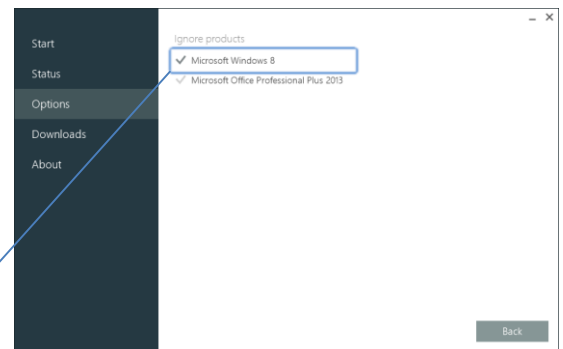
You can ignore products to prevent specified products from being used by this application. e.g. *You activated Microsoft Office using a legitimate product key, but you wish to restore or extend Microsoft Windows, then you are able to prevent the Office product from being restored or extended.*

Ignore products button

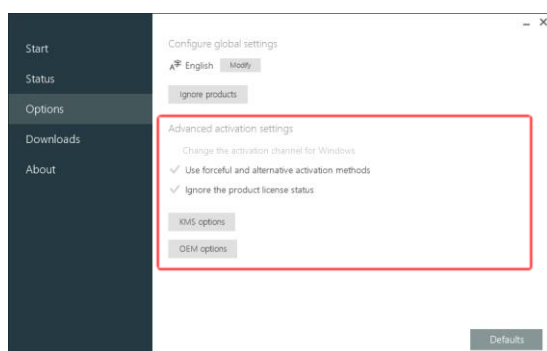
Press the ignore products button to show a list of the products that are available to ignore globally. Click or tap the preferred product to check or uncheck it. When checked then the products is ignored.

**NOTE:** *Ignored products are not shown in the application except in this page.*

Globally ignored product



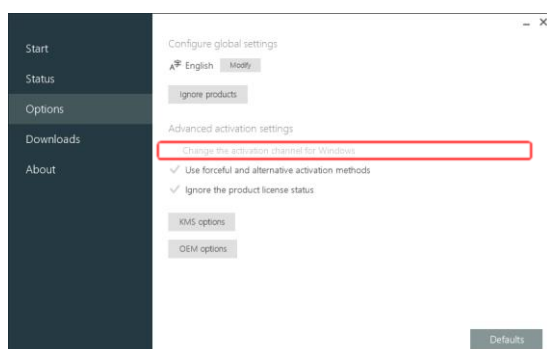
### 3.3 – Advanced activation settings



The advanced options are better to be left alone except you are an advanced user or know what the settings mean.

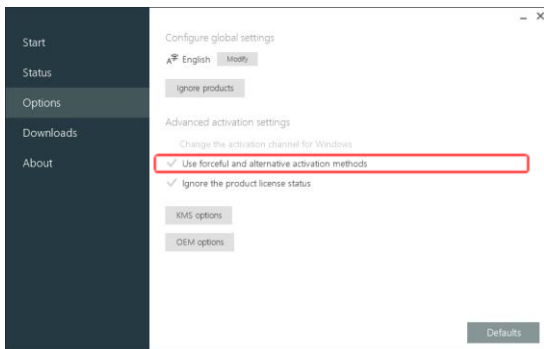
\*These settings only apply for product activation.

#### 3.3.1 - Change the activation channel for Windows



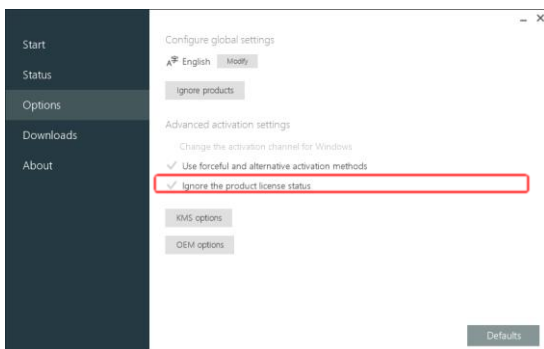
This option changes the activation channel to OEM (Original Equipment Manufacturer). It will be greyed out when the current operating system only supports KMS activation.

### 3.3.2 – Use forceful and alternative activation methods



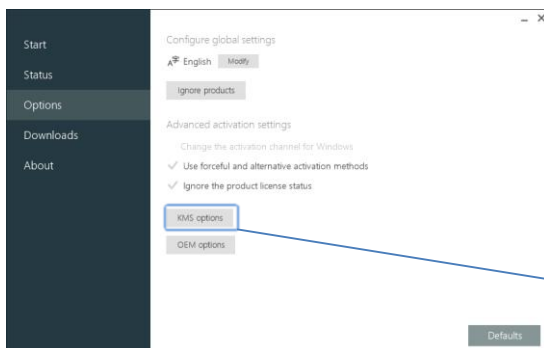
As the title says, when checked the application will try to use alternate or even forceful activation methods. Only check this if you already tried to activate using the default settings!

### 3.3.3 – Ignore the product license status



When the activate button on the start page is clicked, the application will first check if the product is already activated. If this option is checked the license status check for all detected and non-ignored products will be skipped.

## Chapter 4 – KMS options

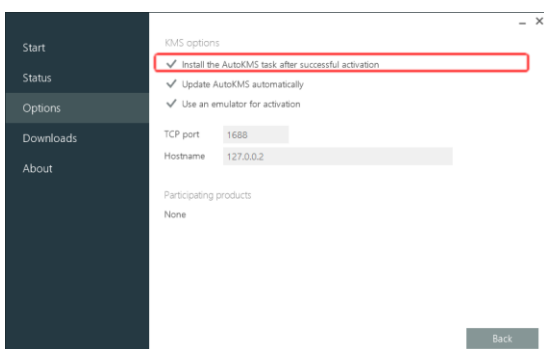


KMS options include advanced options specifically for KMS (Key Management Service) or also known as volume activation. The KMS options page can be accessed by clicking the button in the options page.

KMS options button

KMS activation uses a volume system designed for multiple computers connected to a local network. This method requires re-activation every 180 days. It activates against a single KMS host which replies with a corresponding ID. This method only requires a volume client product key to be installed.

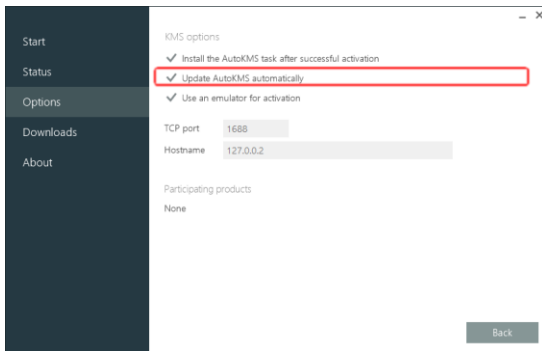
### 4.1 – Install the AutoKMS task after successful activation



When checked the activation process will install an automatic re-activation task that runs in the background which will keep the product license activated.

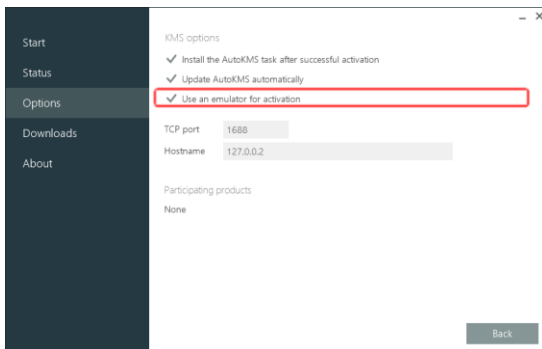
\*More info about AutoKMS can be found in [chapter 9](#).

## 4.2 – Update AutoKMS automatically



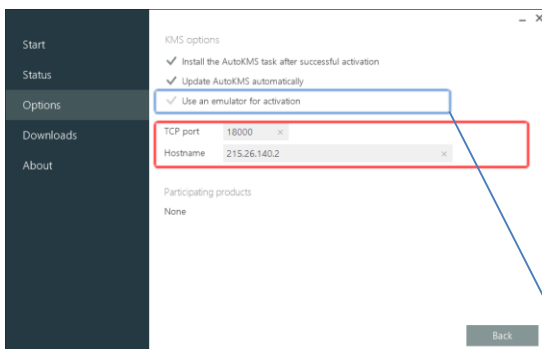
To keep the AutoKMS application recent then check this option. If AutoKMS starts it will first check for updates. If an update is found the file will be automatically updated to the newer version. No user activity is needed when updating, the process is fully automatic and runs in the background. Uncheck this option if the device will never be connected to the internet.

## 4.3 – Use an emulator for activation



If checked the activation process will start an emulator before activating the product which emulates a real KMS host. The default hostname and port are 127.0.0.2:1688 which returns to the local computer.

## 4.4 – TCP port and hostname



The TCP port and hostname field cannot be left empty when using KMS activation.

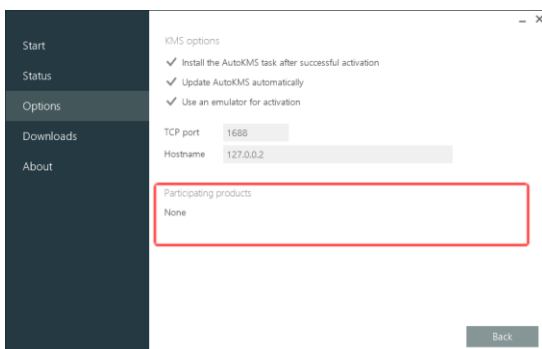
If you wish to use a custom or public KMS host then be sure to uncheck the 'Use an emulator for activation' option.

The default port is 1688.

e.g. hostname: 'win8kms.contoso.com' port: '53'

Uncheck option to enable TCP port and hostname fields

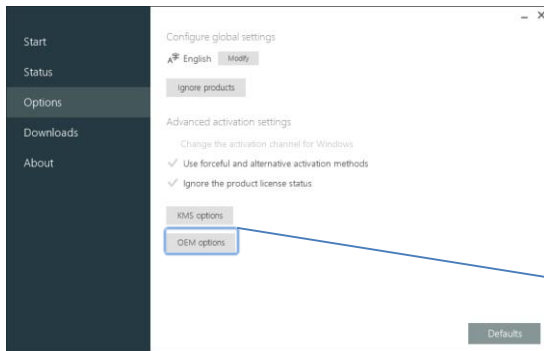
## 4.5 – Participating products



This shows a list of all products that will use the KMS activation and settings. If no products are participating you will see 'none'.

**NOTE:** Ignored products aren't listed.

## Chapter 5 – OEM options



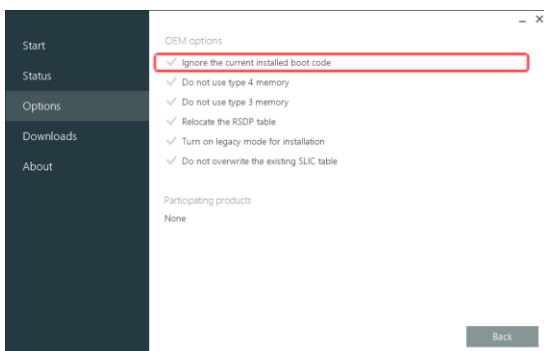
OEM options include advanced options specifically for OEM (Original Equipment Manufacturer).

The OEM options page can be accessed by clicking the button in the options page.

OEM options button

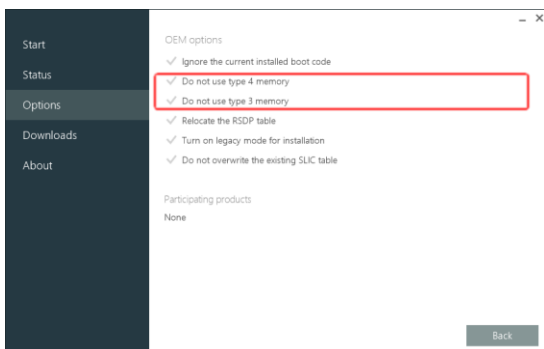
OEM activation uses a SLP (System Locked Pre-installation) system in the BIOS. The corresponding OEM product key, SLIC table and digitally signed license certificate tricks Windows thinking it is activated.

### 5.1 – Ignore the current installed boot code



Option to prevent changes to the current installed boot code. Check this option if you use a dual boot system with Windows and Linux together.

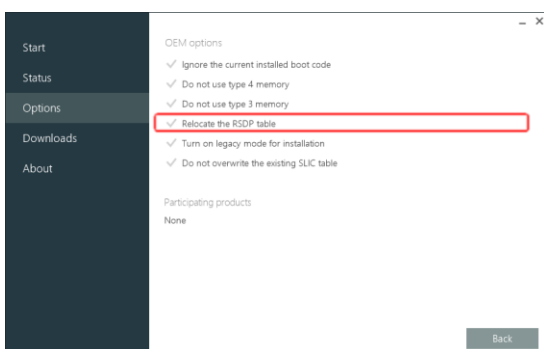
### 5.2 – Do not use type 3/4 memory



This option will prevent the application from using type 4 and/or type 3 memory.

If your computer uses the older type 3/4 memory modules then it is recommended to check this option.

### 5.3 – Relocate the RSDP table

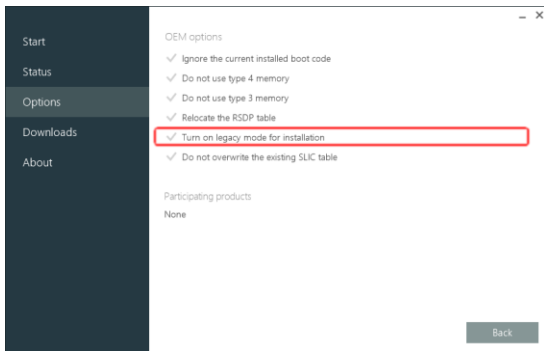


If this option is checked the boot loader will prevent relocating the RSDP table to the EBDA (Extended BIOS Data Area).

Do not check this option unless you know what it means!



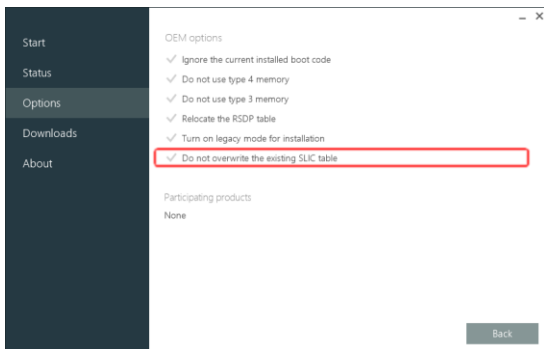
## 5.4 – Turn on legacy mode for installation



If Windows gets unlicensed when returning from hibernation or sleep then re-activate and check this option first.

It's recommended to check if your computer has type 3/4 memory modules or trying to prevent these memory types from using before using this setting.

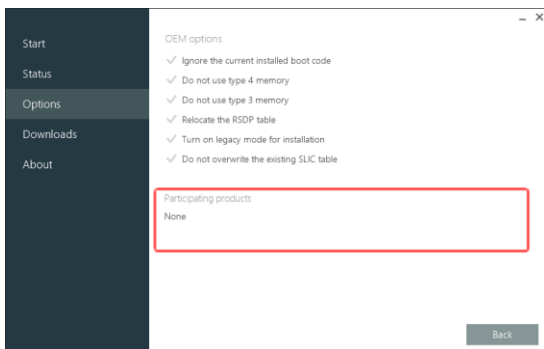
## 5.5 – Do not overwrite the existing SLIC table



When using a computer with an already installed SLIC table in the BIOS then check this option.

Computers from OEM-manufacturers (specifically servers) do have a SLIC table in the BIOS. First try with the default settings if you restart and not activated then also check this option.

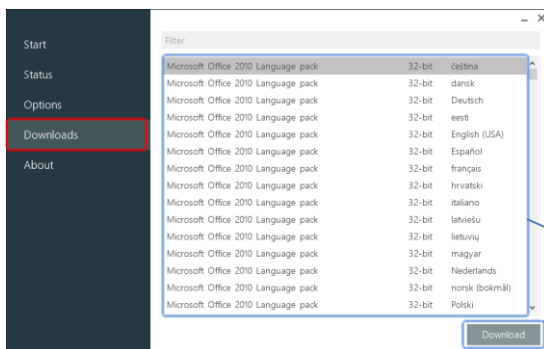
## 5.6 – Participating products



This shows a list of all products that will use the OEM activation and settings. If no products are participating you will see 'none'.

**NOTE:** *Ignored products aren't listed.*

## Chapter 6 – Downloads



The downloads page includes free downloads including Microsoft Windows and Microsoft Office products. Available in a lot of languages and 64/32 bit. These downloads are from verified sources and are untouched.

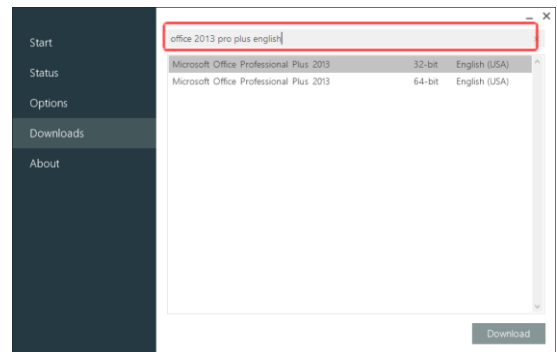
Double-click an item to start downloading

Download button

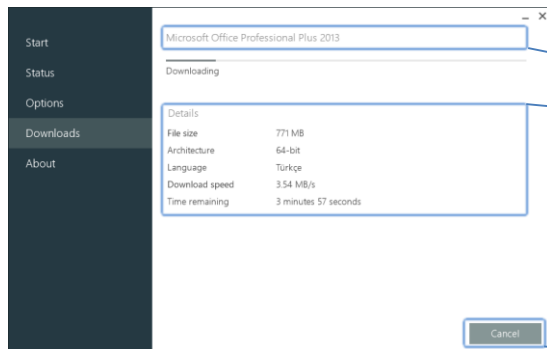
## 6.1 – Search for downloads

You are able to filter the download list with tag words separated by a space.

e.g. *'office 2013 pro plus english'*



## 6.2 – Downloading



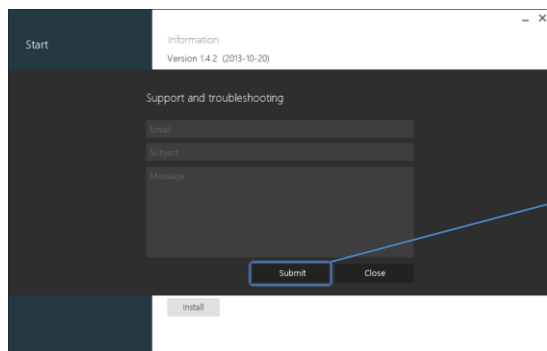
Name of the download

Details about the download

When you are downloading a file you can follow up its progress any time on the download page. Cancelling a download will delete the downloaded file. Downloads don't get interrupted when executing other tasks.

Cancel button

## Chapter 7 – Support and troubleshooting



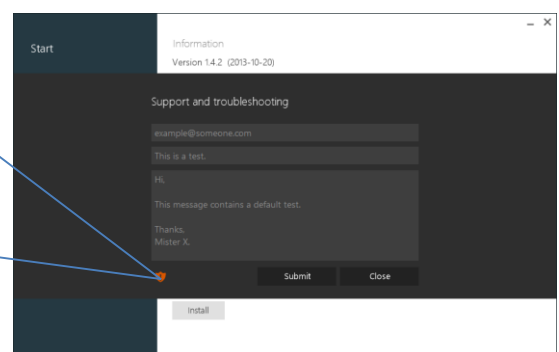
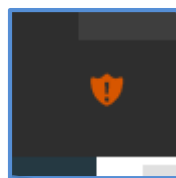
To make things easier the application has a build-in contact form used to report problems or to give feedback. This connection is also encrypted (SSL).

Click the submit button to send your message

If you entered a wrong email address or some fields aren't filled in then the field will turn **red** and the message is not send. All fields on the form are required to fill in.

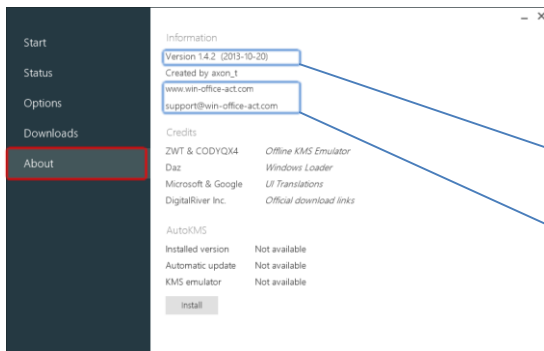
If there is no internet connection then an orange warning icon will show up. This also applies to other forms that require an internet connection.

If the message has been sent then the form will close.



You are able to open the contact form by pressing the **F1** key while in the application.

## Chapter 8 – About

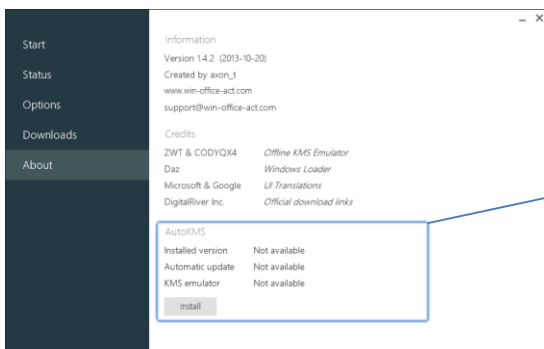


The about page contains the current version and credits from who provided certain things to this application.

Current version and release date

Contact email and website

### 8.1 – AutoKMS status



The about page also features the AutoKMS installation status and a button to update, remove and install the AutoKMS task.

AutoKMS installation status and button

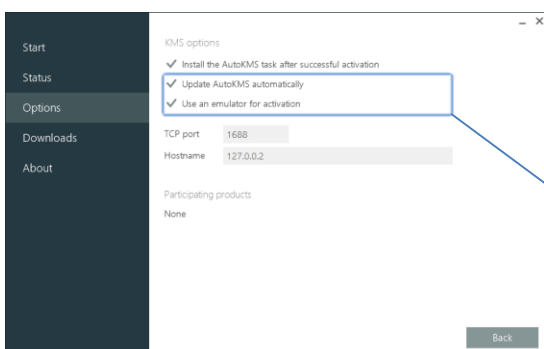
## Chapter 9 – AutoKMS

AutoKMS is an application that will automatically keep your KMS activated products licensed. It starts after Windows has booted and runs in the background. If the update option/switch is activated then it will automatically update itself to the latest version and passes all commands to the newer version. KMS activation is limited to 180 days. Then it needs re-activation, AutoKMS helps to automate this process. AutoKMS will only detect volume KMS client products and tries to activate them.

### 9.1 – Event log

AutoKMS will write a log file when it runs. The file is written to *C:\Windows\System32\autokms.log*. It will only write activation results and update notifications. If a log file is available you can click the event log button in the status page to show it.

### 9.2 – Installing



AutoKMS can be installed through the activation task or either manual in the about page (see [section 8.1](#)). Two settings from the KMS options page also apply when installing AutoKMS.

These options also apply to the AutoKMS installation

When installed a file is created in *C:\Windows\System32\autokms.exe*.

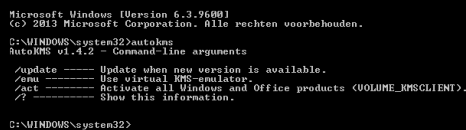
## 9.3 – Remove

AutoKMS will get removed when executing the restore task or can be manually be removed when clicking the remove button in the status page (see [section 8.1](#)). However if an older version is installed then you first need to update before you are able to remove it. Removing will delete the log file.

## 9.4 – Updating

If you are using an older AutoKMS version you are able to update it manually (see [section 8.1](#)). Updating will remove the old AutoKMS task and file and installs a new one. The log will not be deleted.

## 9.5 – Command line arguments



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. Alle rechten voorbehouden.
C:\WINDOWS\system32>autokms
AutoKMS v1.4.2 - Command-line arguments
/? ----- Show this information.
/act ----- Activate all Windows and Office products (VOLUME_KMSCLIENT).
/sim ----- Use virtual KMS-simulator.
/update ----- Update when new version is available.
C:\WINDOWS\system32>
```

AutoKMS accepts several command line arguments. In case the task fails you can run AutoKMS manually by opening the command prompt as administrator. You can show the available arguments by typing 'autokms' and press enter.

\*Use the arguments in the given order.

## 9.6 – AutoKMS scheduled task

You are also able to edit the AutoKMS task triggers with *Task Scheduler*. Look under the first library for a task named 'WOA-AutoKMS'. Right click and select properties, go to the triggers tab to change. The default triggers are: 'at start-up' and 'every 29 days at xx:xx'. The task triggers can be restored by removing and installing AutoKMS again (see [section 9.2](#)).

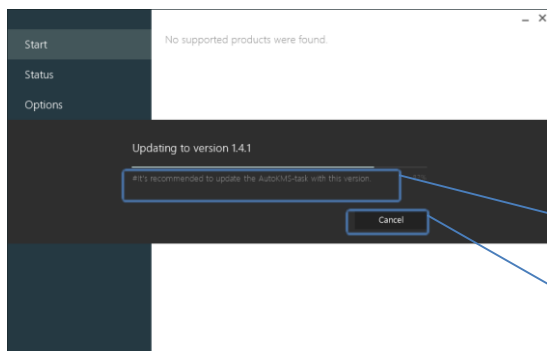
# Chapter 10 – Live update

To automatically keep your version of Windows and Office Activator recent there is live update. This performs a quick check for newer versions when the application is starting. When an update is found a window will come up saying it is updating to a newer version. The progress bar will start moving once a stable connection to the update server has been found, otherwise an exception will be thrown. You need to have a stable internet connection before starting the application in order to check for updates, if there's no internet connection or no update found then nothing will happen.

\*The old version file will be automatically removed, updated and started.

\*You are able to cancel the update at any time but this isn't recommended.

\*Be sure that write access is allowed where the applications \*.exe file is located.



When the application is updating a temporary file with the \*.upd extension is created (do not remove or rename this file when updating). Renaming the \*.exe file name will not interrupt the update process.

Information regarding the update (English only)

Cancel button

## Chapter 11 – Error codes

The following error codes are common. Error code with description below.

0x8007232B	Key management services (KMS) host could not be located in domain name system (DNS), please have your system administrator verify that a KMS is published correctly in DNS.
0x8007007B	The file name, directory name, or volume label syntax is incorrect.
0x8007000D	The data is invalid.
0x80072F8F	A security error occurred.
0x80072EE2	The operation has been timed out.
0xC80003F3	The Key Management Service (KMS) is unavailable.
0xC004C001	The activation server determined the specified product key is invalid.
0xC004C003	The activation server determined the specified product key is blocked.
0xC004C008	The activation server determined that the specified product key could not be used.
0xC004B100	The activation server determined that the computer could not be activated.
0xC004C020	The activation server reported that the MAK has exceeded its limit.
0xC004C021	The activation server reported that the MAK extension limit has been exceeded.
0xC004E003	The Software Licensing Service reported that the license evaluation failed.
0xC004E016	The Software Licensing Service reported that the product key is invalid.
0xC004F009	The Software Protection Service reported that the grace period expired.
0xC004F00F	The Software Licensing Server reported that the hardware ID binding is beyond level of tolerance.
0xC004F014	The Software Protection Service reported that the product key is not available.
0xC004F02C	The Software Protection Service reported that the format offline activation data is incorrect.
0xC004F035	The Software Protection Service reported that the computer could not be activated with a Volume license product key.
0xC004F038	The Software Protection Service reported that the computer could not be activated. The count reported by your Key Management Service (KMS) is insufficient.
0xC004F039	The Key Management Service (KMS) is not enabled.
0xC004F042	The Software Protection Service determined that the specified KMS cannot be used.
0xC004F050	The Software Licensing Service reported that the product key is invalid.
0xC004F051	The Software Protection Service reported that the product key is blocked.
0xC004F056	DNS not supported by name server.
0xC004F061	The Software Licensing Service determined that this specified product key can only be used for upgrading, not for clean installations.
0xC004F064	The Software Protection Service reported that the non-genuine grace period expired.
0xC004F065	The Software Protection Service reported that the application is running within the valid non-genuine period.
0xC004F06C	The Software Protection Service reported that the computer could not be activated. The Key Management Service (KMS) determined that the request timestamp is invalid.

<b>0x4004F00C</b>	The Software Licensing Service reported that the application is running within the valid grace period.
<b>0x80070005</b>	Access denied. The requested action requires elevated privileges.
<b>0x8007232A</b>	DNS server failure.
<b>0x8007232B</b>	DNS name does not exist.
<b>0x800706BA</b>	The RPC server is unavailable.
<b>0x8007251D</b>	No records found for DNS query.
<b>0xC004F074</b>	The Software Protection Service reported that the computer could not be activated. No Key Management Service (KMS) could be contacted.
<b>0x8004FE21</b>	This computer is not running genuine Windows.
<b>0x80092328</b>	DNS name does not exist.

## Chapter 12 – Supported products

The following products are supported by this version.

### Client

Windows 8.1 (Core)  
Windows 8.1 (Core) N  
Windows 8.1 Enterprise  
Windows 8.1 Enterprise N  
Windows 8.1 Pro  
Windows 8.1 Pro N  
Windows Embedded 8.1 Industry Automotive  
Windows Embedded 8.1 Industry Enterprise  
Windows Embedded 8.1 Industry Pro

Windows 8 (Core)  
Windows 8 (Core) N  
Windows 8 Enterprise  
Windows 8 Enterprise N  
Windows 8 Pro  
Windows 8 Pro N  
Windows Embedded 8 Industry Enterprise  
Windows Embedded 8 Industry Pro

Windows 7 Enterprise  
Windows 7 Enterprise E  
Windows 7 Enterprise N  
Windows 7 Home Basic  
Windows 7 Home Premium  
Windows 7 Home Premium E  
Windows 7 Professional  
Windows 7 Professional E  
Windows 7 Professional N  
Windows 7 Starter  
Windows 7 Starter E  
Windows 7 Thin PC  
Windows 7 Ultimate  
Windows 7 Ultimate E  
Windows Embedded POSReady 7  
Windows Embedded Standard 7

### Server

Windows Server 2012 R2 Cloud Storage  
Windows Server 2012 R2 Datacenter  
Windows Server 2012 R2 Essentials  
Windows Server 2012 R2 Standard

Windows MultiPoint Server 2012 Premium  
Windows MultiPoint Server 2012 Standard  
Windows Server 2012 Datacenter  
Windows Server 2012 Essentials  
Windows Server 2012 Foundation  
Windows Server 2012 Standard  
Windows Storage Server 2012 Standard  
Windows Storage Server 2012 Workgroup

Windows HPC Server 2008 R2  
Windows Home Server 2011  
Windows MultiPoint Server 2011  
Windows MultiPoint Server 2010  
Windows Server 2008 R2 Datacenter  
Windows Server 2008 R2 Enterprise  
Windows Server 2008 R2 Foundation  
Windows Server 2008 R2 Itanium  
Windows Server 2008 R2 Standard  
Windows Small Business Server 2011 Essentials  
Windows Small Business Server 2011 Standard  
Windows Storage Server 2008 R2 Essentials  
Windows Web Server 2008 R2

Windows Vista Business  
Windows Vista Business N  
Windows Vista Enterprise  
Windows Vista Enterprise N  
Windows Vista Home Basic  
Windows Vista Home Basic N  
Windows Vista Home Premium  
Windows Vista Starter  
Windows Vista Ultimate

#### **Microsoft Office 2013**

Microsoft Office Professional Plus 2013  
Microsoft Project 2013 Professional  
Microsoft Visio 2013 Professional

Windows HPC Server 2008  
Windows Server 2008 Datacenter (with Hyper-V)  
Windows Server 2008 Enterprise (with Hyper-V)  
Windows Server 2008 Foundation  
Windows Server 2008 Itanium (with Hyper-V)  
Windows Server 2008 Standard (with Hyper-V)  
Windows Small Business Server 2008  
Windows Storage Server 2008 Standard  
Windows Web Server 2008

#### **Microsoft Office 2010**

Microsoft Office Professional Plus 2010  
Microsoft Office Standard 2010  
Microsoft Project 2010 Professional  
Microsoft Visio 2010 Professional