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GeoSLAM Desktop Processing Software Update Instructions © 2017 GeoSLAM Ltd.

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## Software Version 3.2.0

## 1. INTRODUCTION

This document explains how to update an existing installation of GeoSLAM Desktop to version 3.2.0. You will need access to the computer with the current GeoSLAM Desktop installation and the green USB license dongle.. The computer must be connected to the internet.

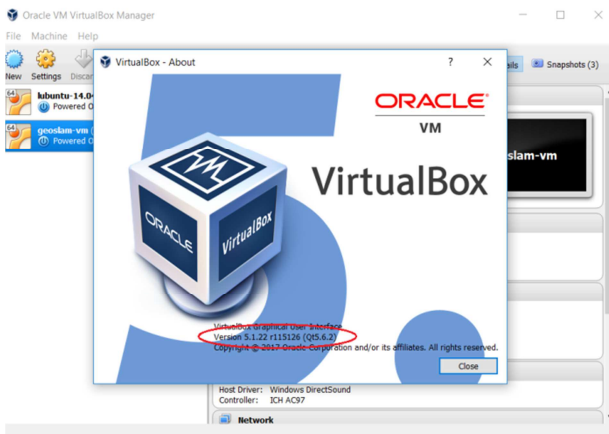
**IMPORTANT – Recent Windows 10 updates have caused problems running Oracle VirtualBox V5.1.12 or older. We strongly recommend you update to Oracle VirtualBox V5.1.22 (latest release at time of writing).**

To check which version of Oracle VirtualBox you have installed. Open VirtualBox Manager and click >Help>About VirtualBox

Oracle VirtualBox V5.1.22 can be downloaded from

<https://www.virtualbox.org/wiki/Downloads>

Download the Windows hosts version. See Appendix 1 for instructions to install Virtual Box.



We recommend you uninstall the old version of VirtualBox before installing the newer version.

**IMPORTANT** Prior to installing a new version of GeoSLAM Desktop, please check the current version you have installed. The version number is displayed in the bottom right corner of the User Interface Window. For customers with a version number v1.x.x we recommend doing a “clean install”. See Appendix 2 for instructions for doing a clean install.

## 2. SOFTWARE UPDATE

1. Close GeoSLAM Desktop.
2. Download the V3.2.0 installer from link provided in the notification email.
3. Run the download application. An “Installing” icon will be displayed for a few seconds then the application user interface will open as shown in Figure 2-1. Click the UPGRADE button

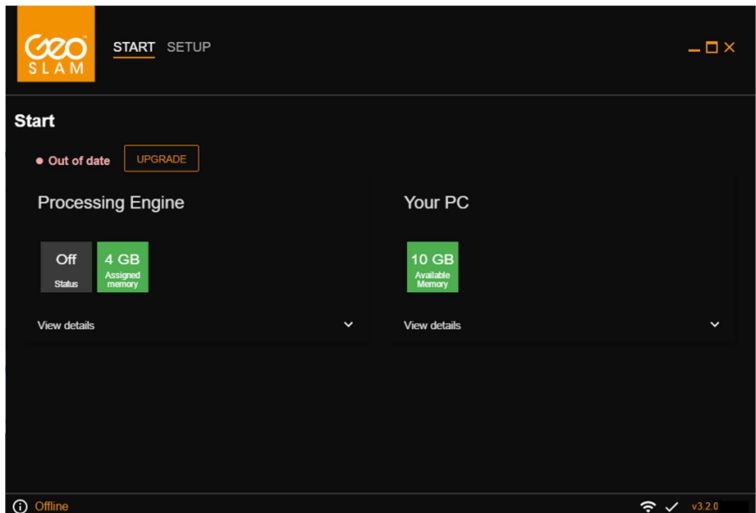


Figure 2-1

4. The application will present the message shown in Figure 2-2 advising that an update to the processing engines must be down loaded. Click the Download button to continue. The size of the update file will depend on the version you are upgrading from. For versions before v3.1.2 a full processing engine ~900MB will be required. This will take several minutes to download.
5. After the processing engine update has finished downloading it will start to install automatically. The screen shown in Figure 2-3 will be displayed requesting the green USB license dongle to be plugged in. If already plugged in it will be necessary to unplug and plug back in in order for it to be recognised. This update step may take several minutes to complete

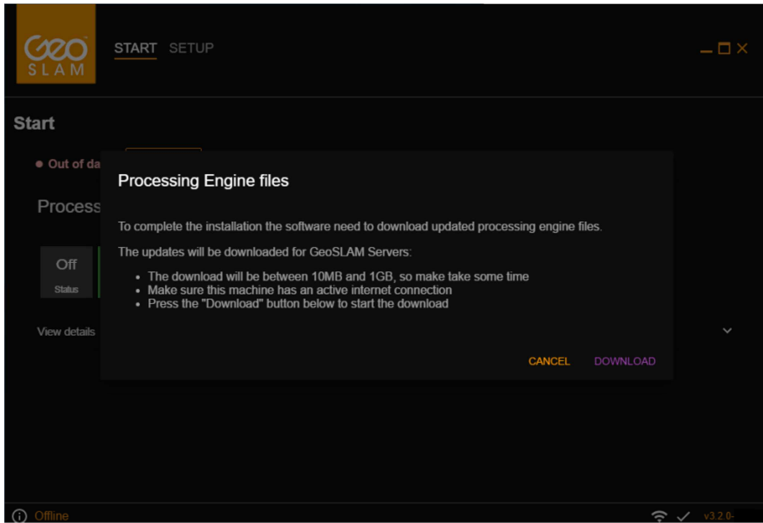


Figure 2-2

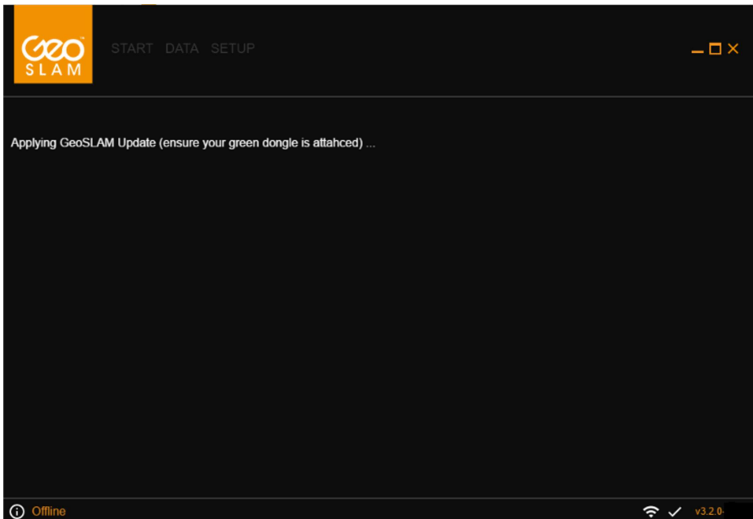


Figure 2-3

- When the processing engine update is complete an Update Complete message is displayed as shown in Figure 2-4. Click OK and the End User License Agreement will be displayed (Figure 2-5). The license agreement must be accepted in order to complete the update.

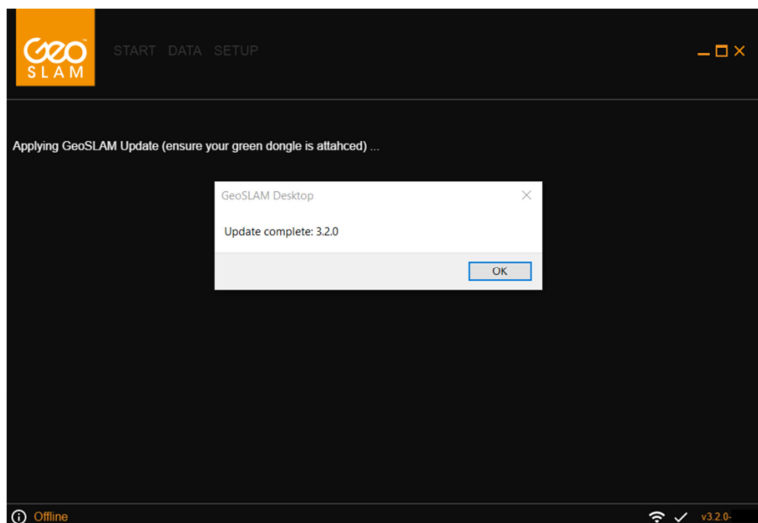


Figure 2-4

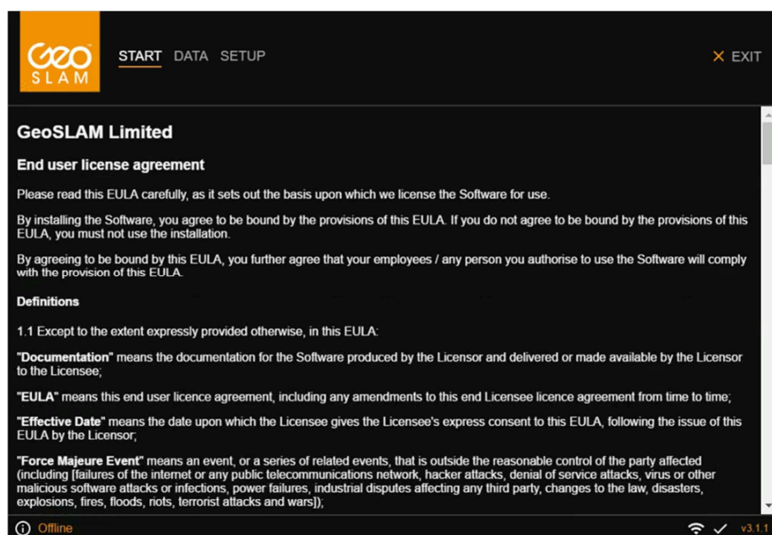


Figure 2-5

7. It is recommended that Automatic Updates (Figure 2-6) is enabled. To enable Automatic Updates slide the enable switch to the right (switch turns purple when enabled) and click Save Configuration

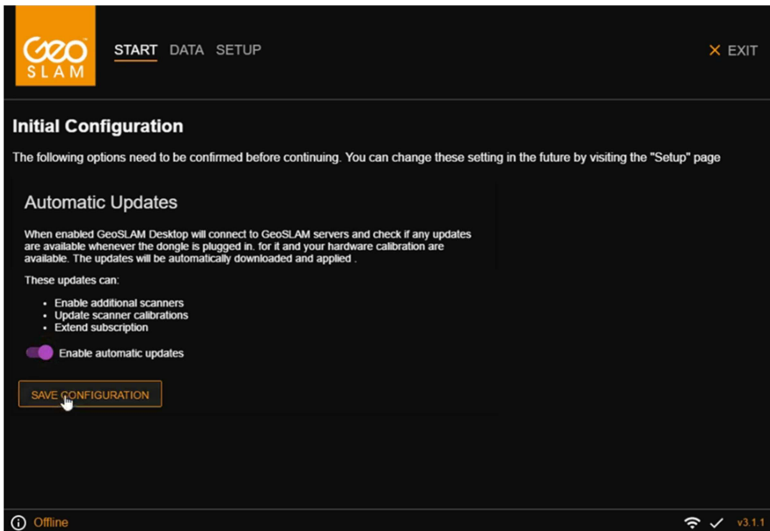


Figure 2-6

- Finally acknowledge the Update notifications as shown in Figure 2-7 and the Update is complete.

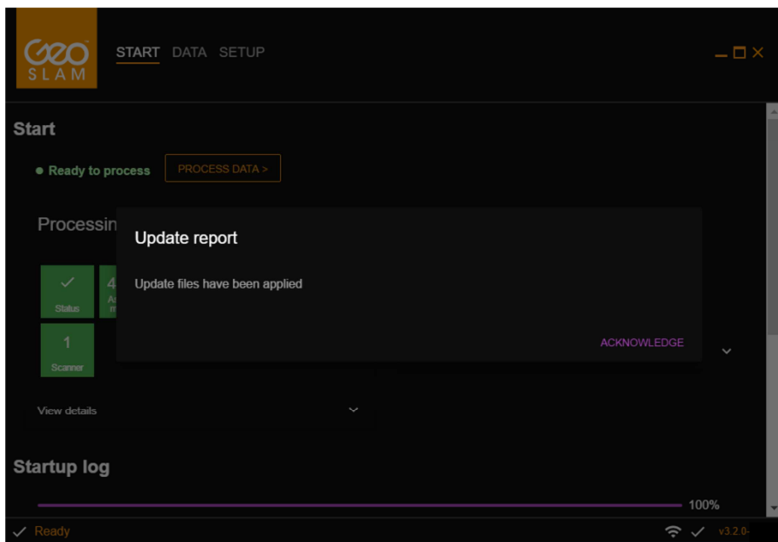


Figure 2-7

## APPENDIX 1 - Installing VirtualBox

Go to the Oracle VirtualBox download page and download the *Windows host* release of the version number recommended in Section 1 of this guide.



Figure A1-1

Once downloaded, run the VirtualBox setup executable. It will take you through the setup steps shown in Figures A1-2 to A1-8. Accept the default settings by clicking *Next* or *Yes* up to Figure A1-6. At the final set “Installation Complete” – Figure A1-8, **unchecked the Start oracle VM VirtualBox checkbox** and click on Finish



Figure A1-2

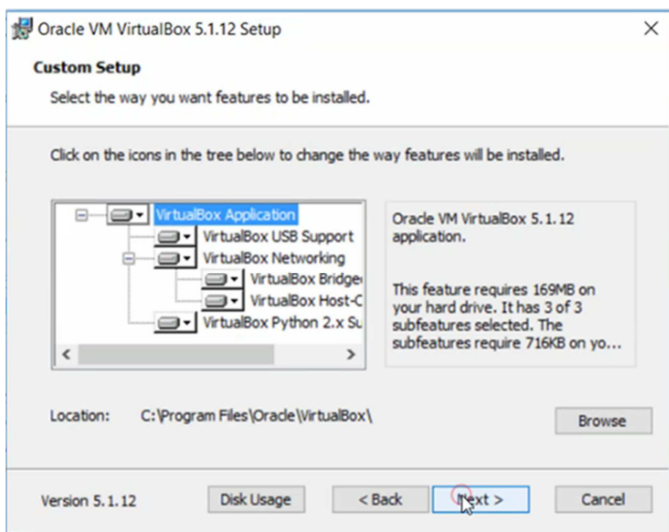


Figure A1-3



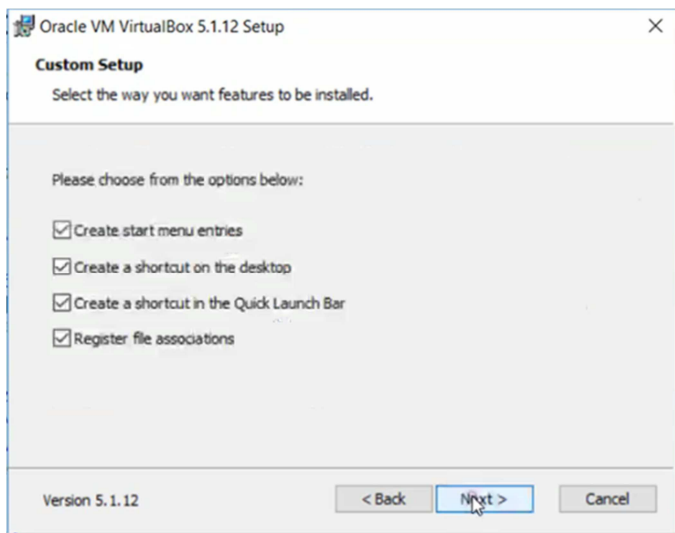


Figure A1-4

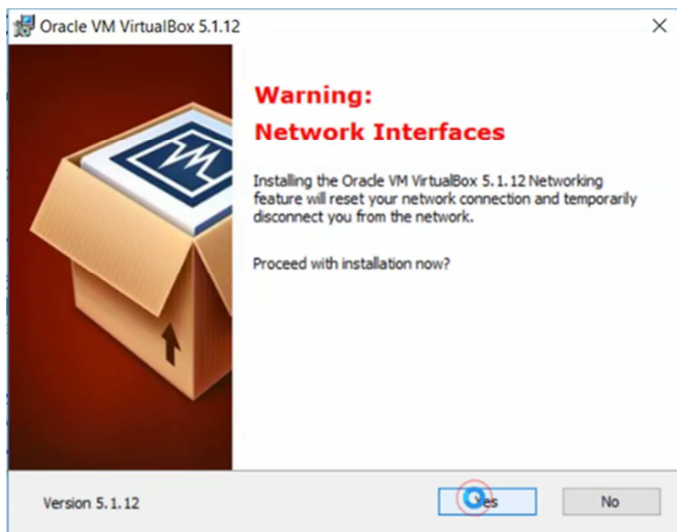


Figure A1-5

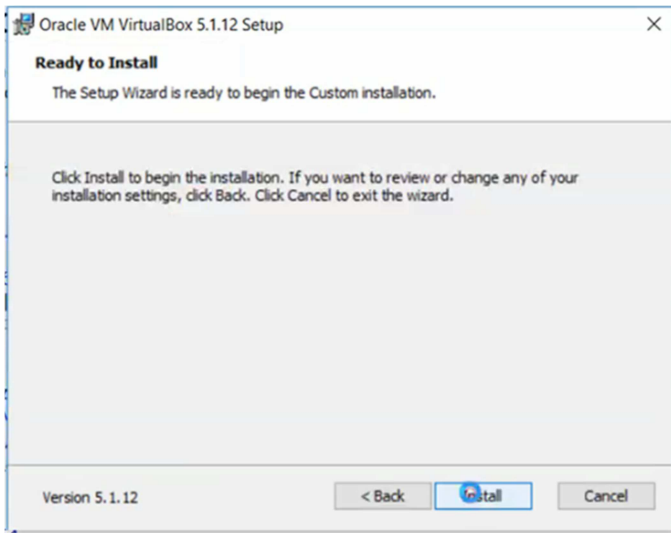


Figure A1-6

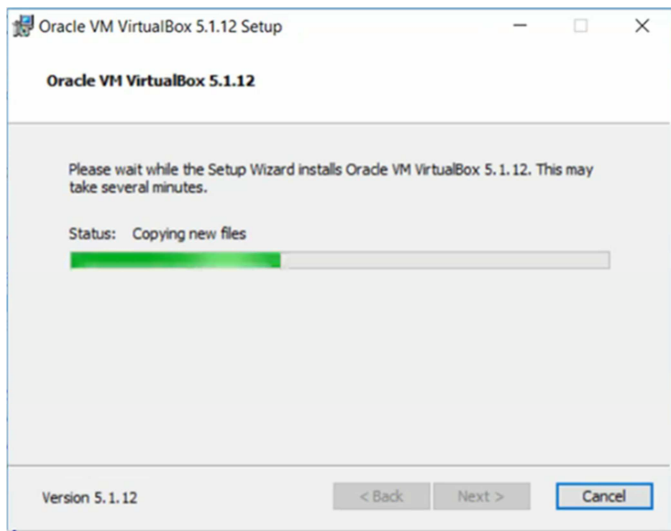


Figure A1-7




Figure A1-8

After the installation is complete, close the VirtualBox application (which starts up automatically if the checkbox in Figure A1-8 is left checked).

## APPENDIX 2 – Performing a clean install

For customers upgrading to GeoSLAM Desktop v3.2.0 from version V1.x.x it is necessary to perform a clean install.

1. Close GeoSLAM Desktop.
2. Open Oracle VirtualBox Manager by clicking on the  Desktop icon, or searching Oracle VirtualBox in the Windows Start menu.
3. Right click on the **geoslam-vm** virtual machine as shown in the Figure A2-1. Select Remove and when prompted select **Delete** all files.

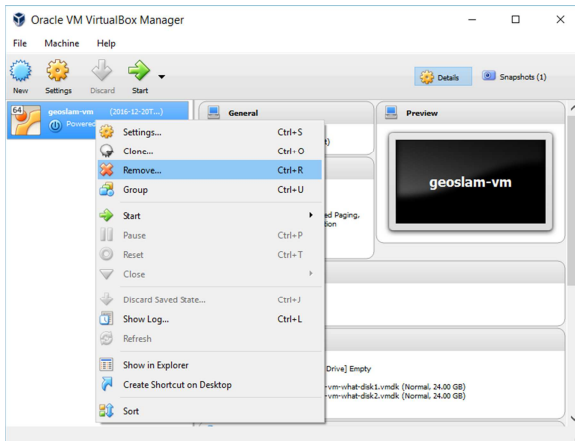


Figure A2-1

4. Uninstall VirtualBox from the Windows Control Panel.
5. Delete the contents of the VirtualBox system folders located in C:\Users\username (Figure A2-2)
6. Delete the contents of the **.VirtualBox** folder and the **VirtualBox VMs** folder
7. Install Oracle VirtualBox 5.1.22 as described in Appendix 1

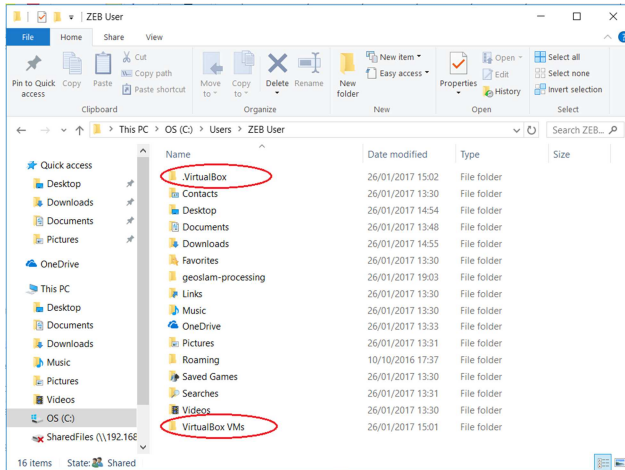


Figure A2-2

8. Download the latest release of GeoSLAM Desktop from <http://processing.geoslam.com/desktop/latest>.
9. Run the **GeoSLAM Desktop Setup** application
10. The GeoSLAM Desktop user interface will install and the screen shown in Figure A2-3 will be displayed

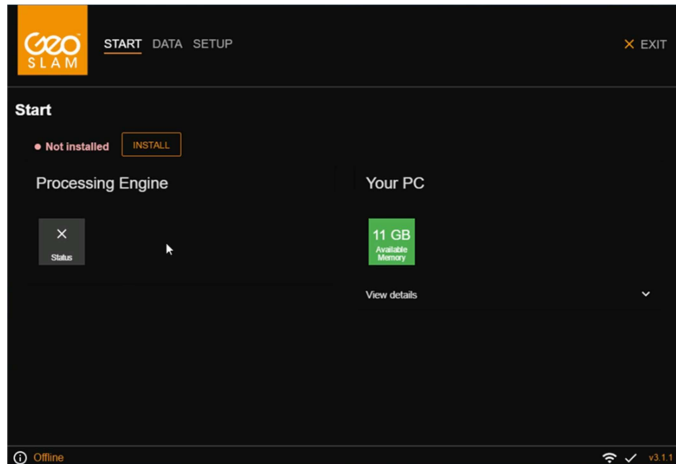
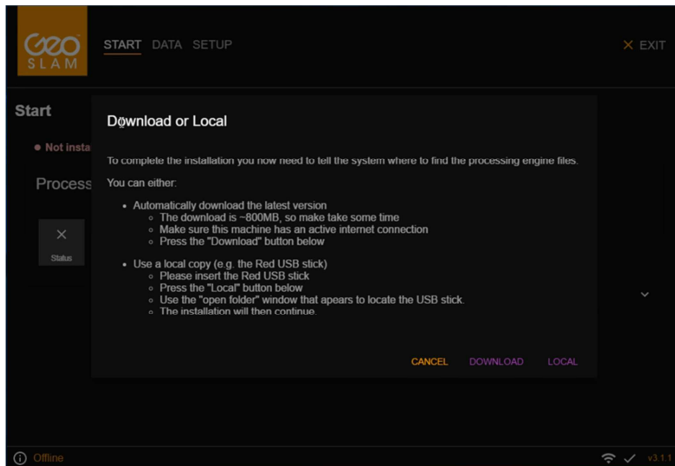


Figure A2-3

11. Click the **INSTALL** button and a pop-up window (Figure A2-4) will appear asking if you want to download the Processing Engine or install from a local file location. Click the **Down Load** button. Note the Processing Engine is a large file > 900MB



FigureA 2-4

12. After downloading the Processing Engine will be automatically installed. This process may take several minutes. When the installation is complete the screen shown in Figure A2-5 will be displayed and you will be prompted for the Configuration files. Click the Download the latest files option.
13. Insert green Safenet HL software security dongle into a spare USB port when prompted
14. After the configuration files have been downloaded and installed the software will start up. It may be necessary to unplug and re-plug the green license dongle again for it to be recognised (Figure A2-6).
15. Once the dongle has been detected the application will finish setting up the installation and the screen shown in Figure A2-7 is displayed.

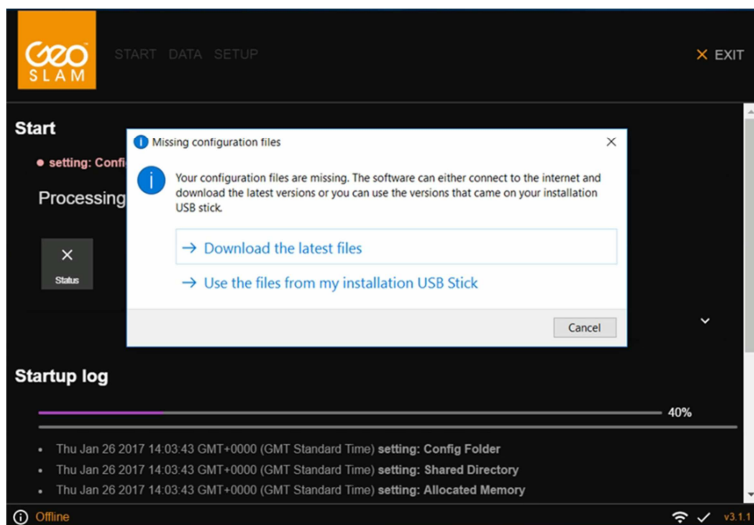


Figure A2-5

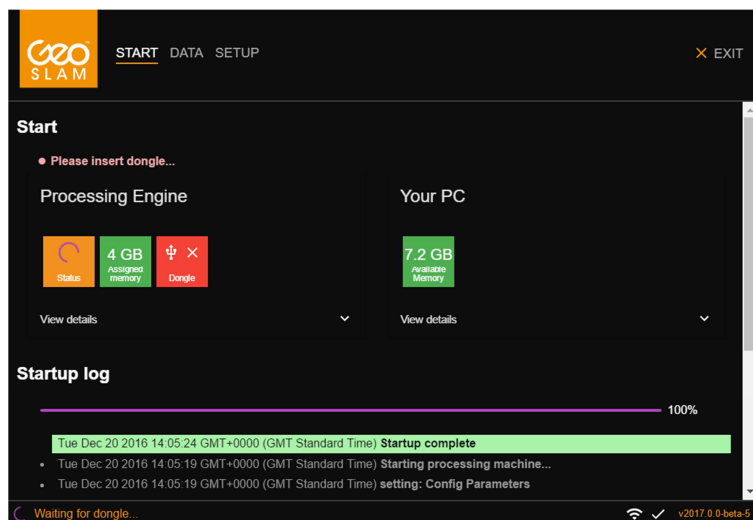


Figure A2-6

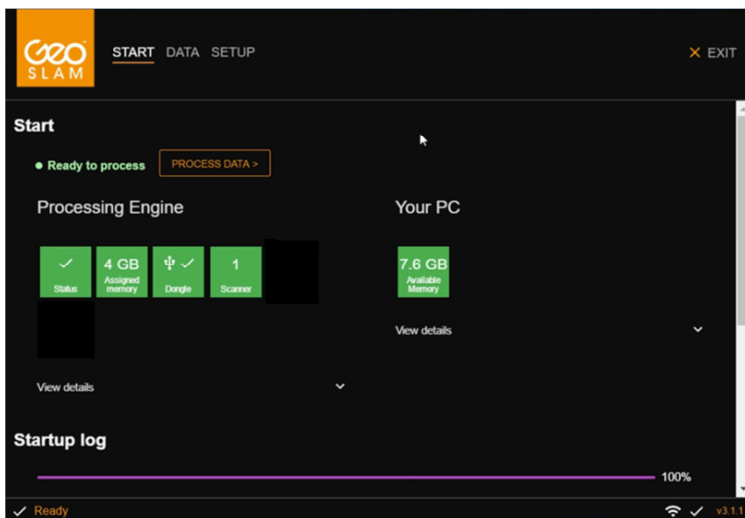


Figure A2-7