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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.
- 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

SLAM			_ _ ×
Start			
Out of date UPGRADE			
Processing Engine	Y	our PC	
Off 4 GB Assigned Status		10 GB Available Memory	
View details	~ v	iew details	
(i) Offline			



- 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

START DATA SETUP	_ 🗆 ×
Applying GeoSLAM Update (ensure your green dongle is attahced)	
	२ √ v3.2.0-

Figure 2-3

6. 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.

START DATA SETUP	_ _ ×
Applying GeoSLAM Update (ensure your green dongle is attanced)
GeoSLAM Desktop Update complete: 3.2.0	×
	ОК
Offline	

Figure 2-4

SLAM DATA SETUP	X EXIT
GeoSLAM Limited	A
End user license agreement	
Please read this EULA carefully, as it sets out the basis upon which we licens	se the Software for use.
By installing the Software, you agree to be bound by the provisions of this EU EULA, you must not use the installation.	JLA. If you do not agree to be bound by the provisions of this
By agreeing to be bound by this EULA, you further agree that your employee with the provision of this EULA.	s / any person you authorise to use the Software will comply
Definitions	
1.1 Except to the extent expressly provided otherwise, in this EULA:	
"Documentation" means the documentation for the Software produced by th to the Licensee;	e Licensor and delivered or made available by the Licensor
"EULA" means this end user licence agreement, including any amendments	to this end Licensee licence agreement from time to time;
"Effective Date" means the date upon which the Licensee gives the Licensee EULA by the Licensor,	e's express consent to this EULA, following the issue of this
"Force Majeure Event" means an event, or a series of related events, that is (including Italiares of the internet or any public telecommunications network, malicious software attacks or inflictions, power failures, industrial disputes aft explosions, fires, floods, riots, terrorist attacks and wars)),	outside the reasonable control of the party affected hacker attacks, denial of service attacks, virus or other lecting any third party, changes to the law, disasters,
() Offline	🔶 🗸 v3.1,1
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

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

SLAM SETUP	_ 🗆 ×
Start	<u>^</u>
Ready to process PROCESS DATA >	
Processin Update report	
Update files have been applied	
1 ACKNOWLEDGE	v
Scamer	- 1
View details	_
Startup log	
	100%
✓ Ready	✓ v3.2.0-



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, <u>uncheck the Start oracle VM VirtualBox checkbox</u> and click on Finish

Oracle VM VirtualBox 5.1.22	Setup	×
	Welcome to the Oracle VM VirtualBox 5.1.22 Setup Wizard The Setup Wizard will instal Oracle VM VirtualBox 5.1.12 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.	
Version 5.1.12	Next > Cancel	

Figure A1-2

Select the way you want feature	es to be installed.		
Click on the icons in the tree belo	ow to change the	way features will be installed.	
VirtuaBox Apple VirtuaBox VirtuaBox VirtuaBox VirtuaBox VirtuaBox VirtuaBox	istion x USB Support x Networking irtualBox Bridger irtualBox Host-C x Python 2.x Su > Drade \VirtualBox \	Oracle VM VirtualBox 5.1.12 application. This feature requires 169MB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 716KB on your)

Figure A1-3

Oracle VM VirtualBox 5.1.12 Se	tup		2
Custom Setup			
Select the way you want feature	es to be installed.		
Please choose from the options	below:		
Create start menu entries			
Create a shortcut on the des	ktop		
Create a shortcut in the Quid	k Launch Bar		
Register file associations			
Version 5, 1, 12	< Back	Nixt>	Cancel
		12	

Figure A1-4



Figure A1-5

Provide VM VirtualBox 5.1.12 Se	tup X
Ready to Install	
The Setup Wizard is ready to be	gin the Custom installation.
Click Install to begin the installa installation settings, click Back.	tion. If you want to review or change any of your Click Cancel to exit the wizard.
Version 5.1.12	< Back Gatal Cancel

Figure A1-6

Oracle VM VirtualBox 5.1.12 Set	up			×
Oracle VM VirtualBox 5.1.12				
Please wait while the Setup W	izard installs Orade VM	VirtualBox 5.1.12	2. This may	
take several minutes.				
Status: Copying new files				

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.

ile Machin	ne Help	Box Manager				- 0	~
ew Settings	Discard	Start			🤪 Details	Snapshots	(1)
geosla	im-vm (i	2016-12-20T)	neral		Preview		
<u> </u>		Settings	Ctrl+S				
	\mathbf{Q}	Clone	Ctrl+O	ľ			
	**	Remove	Ctrl+R				
	2	Group	Ctrl+U		geosi	am-vm	
		Start	,	ed Paging,			
	00	Pause	Ctrl+P	tion			Ξ.
	0	Reset	Ctrl+T				
	\bigtriangledown	Close	+				
	4	Discard Saved State	Ctrl+J				
	3	Show Log	Ctrl+L				
	B	Refresh					
		Show in Explorer		Datus] Emoty			
	-	Create Shortcut on Desktop		vm-what-disk!	1.vmdk (Normal, 24.00 GB)		
	•	Card		- wm-what-disk	Z-vmdk (Normal, 24.00 GB)		

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 .VirtulBox folder and the VirtualBox VMs folder
- 7. Install Oracle VirtualBox 5.1.22 as described in Appendix 1

n to Quick Copy Paste 2 Optimized Paste	ry path te shortcut to Copy to to Delete Rename	New folder	Properties	Select all Select none Invert selection
Clipboard	Organize	New	Open	Select
← → ✓ ↑ 📜 > This PC	> OS (C:) > Users > ZEB User		~ Ŭ	Search ZEB 🔎
Cuick access Desktop Desktop Decktop Decktop Decktop Decktop Documents Docume	Name	Date modified 26/01/2017 133 26/01/2017 133 26/01/2017 134 26/01/2017 134 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133 26/01/2017 133	Type 2 File folder 9 File folder 4 File folder 5 File folder 6 File folder 7 File folder 6 File folder 7 File folder 8 File folder 9 File folder	Size
🐛 OS (C:)	VirtualBox VMs	26/01/2017 15:0	1 File folder	

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

 Click the *INSTALL* buttonand 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

CCCO S L A M	START DATA SETUP	× EXIT
Start • Not insta Process × stars	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item><section-header></section-header></list-item></list-item></list-item></list-item></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	
(i) Offline		🔶 🗸 - v3.1.1

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 ad re-plug the green license dongle again for it to be regnised (Figure A2-6).
- 15. Once the dongle has been detected the application will finish statingup the installation and the screen shown in Figure A2-7 is displayed.



Figure A2-5

SLAM START DATA SETUP			× EXIT				
Start							
Please insert dongle							
Processing Engine		Your PC					
Statut 4 GB Assigned memory $\psi \times$ Dorgle View details		7.2 GB Manay View details	×				
Startup log							
			100%				
Tue Dec 20 2016 14:05:24 GMT+0000 (GMT Standard Time) Startup complete							
Tue Dec 20 2016 14:05:19 GMT+0000 (GMT Standard Time) setting: Config Parameters							
C Waiting for dongle 🗢 🗸 v							

Figure A2-6

SLAM START DATA SETUP			× EXIT			
Start e Ready to process PROCESS DATA >		×	Â			
Processing Engine	١	Your PC				
✓ 4 GB 単✓ 1 Status Assigned memory Dongle Scanner		7.6 GB Availatie Memory				
	١	/iew details	~			
View details						
Startup log						
			00%			
✓ Ready						

Figure A2-7