

February 2015

Supporting documents:

1. Instructor™3.5 Release Notes.pdf

2. Instructor[™]3.5 Technical Notes.pdf

3. DiaMension[™] Axiom calibration Technical guide.pdf

4. http://www.youtube.com/user/SarinTechnologiesLtd/videos

Instructor[™] 3.5 installation requires windows <u>Admin user</u> for the installation procedure, and Supports Windows 7 32/64 bit operation system only (<u>Win XP</u> is not supported)

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1 New Fresh Installation

1.1 New (Clean) Installation (With HW) – Win 7 32/64bit

- 1. Load the Instructor[™] Installation CD into Your PC CD/DVD reader, the Installation Should start automatically. If not, open **My Computer**, Right Click the CD reader where you have loaded the Sarine Installation CD and click **Open**. Double click on *Setup.exe*.
- 2. Flash window appears -



3. After a few seconds, Opening Setup dialog get display -



4. Read the information and click the **week** button to continue –





5. After above steps, a message appears related to Hasp -



6. After reading the message, click the button –



7. After Hasp installation has finished, the License Agreement dialog gets displayed -



8. Read the License agreement and, if you agree to it, click the <u>Yes</u> button –

Instructor - InstallShield Wizard	X
Component Selection	No.
Please select which components to install. * Instructor requires Windows 7 operating system or higher.	
Instructor 3.5	406 MB
Destination Folder C:\Program Files\Sarin Technologies\Instructor	
InstallShield Kerk Next >	Cancel
Installing DirectX. This may take a few minutes	

9. Select the programs you want to install and click the unit button –

Instructor - InstallShield Wizard Setup Type		×
Select the setup type that best suits your need	ds.	
	< with	
Hardware: Scanner only. Hardware: Scanner + Marker/Aviom engin		
	163.	
InstallShield		
	< Back Next > Canc	el

10. Select the Setup type and click on the Letter button –

structor - InstallShield Wiza	rd		×
Calibration Files Location			X
Please select the location of yo	our data files and press Next.		
Destination Folder			
A:V			Browse
allShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

Note: If the *Camera.cnfg* file is missing from the machine's data, the setup type dialog will be display, along with all of the currently supported frame grabber types.

In this case, select the proper frame grabber and click web button –

Instructor - InstallShield Wizard	
Setup Type Select the setup type that best suits your need	s.
Select your frame grabber type:	
🗇 Picolo (DiaExpert/DiaScribe)	Prosilica (HD LabEdition/DiaExpert Eye)
💿 Domino (LabEdition)	Prosilica and uEye (DiaMension AXIOM)
🔘 BDR (DiaScan S+)	Basler (HD LabEdition/DiaExpert Eye)
🔘 uEye (DiaMobile_X_L)	Basler and uEye (DiaMension AXIOM)
🔘 Sumix (XL Installation)	
InstallShield	
	< <u>Back</u> Next>Cancel

INSTRUCTOR™ 3.5 DIAMOND STUDIO

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11. Click the Browse...

button and choose the Folder of machine Data from Computer.



Note: The corresponding machine data can be incorporated in **Installation CD under Machine Data Folder**- Installation disk\MachineData

In This case, Installation will not ask for Calibration Data Location and throw the following Dialog Box right after Selection of Setup type –



12. In case machine data are for Basler Machine, the following message appears –



13. Read the Message, and Click on button –



14. Connect the Cable and Click the utton –

You can enable or disable the Pro below. The settings can be done or on battery power.	ocessor Idle Sta separately for	ates with the check the system running	oxes on mains
Changes have immediate effect a configuration. The changes only	and are stored affect the curr	persistently to the s ent power scheme.	system
Please Note: Disabling Processor Idle States m system. This can reduce the oper battery.	ight increase t rating time whe	he power consumpti en the system is run	on of the ning on
Settings Processor Idle Enable (Mains Processor Idle Enable (Batter	power) y power)	Read Settings	
		Γ	ОК

- 15. Read the Directions, afterwards Uncheck Both Check Boxes and Click on button.
- 16. You can read more details about the IDS Sleep states Tool, under the Installation Disk (CD) in side uEye (folder), **USB cameras-hot fix**.



17. Select a language (currently only English supported) and Click the Levent button –





18. Select the Windows Display Properties you would like to install and click the button –



19. Click the button in order to change your screen resolution to fit the Instructor™ supports minimal 1280 x 1024 pixels is required.

Notice it can change desktop icons positioning -

		InstallShield Wizard Complete Instructor Setup is complete Yes, I want to restart my computer now No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
--	--	---

- 20. Click the **Finish** button to restart your computer.
- 21. After Restart, the following Icons appears on the Desktop -



Note: Clicking on "Instructor™ Training Clips" lead to C:\ProgramData\Sarin

Technologies\Instructor\Docs\User Guide Movies, where the folder "Instructor™3.5" Contains Video Tutorials, explaining all steps with Detailed feature description, in Visual manner.

INSTRUCTOR™ 3.5 Diamond Studio

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1.2 Station version installation

1. Load the Instructor[™] Installation CD into Your PC CD/DVD reader, the Installation Should start automatically. If not, open **My Computer**, Right Click the CD reader where you have loaded the Sarine Installation CD and click **Open**. Double click on *Setup.exe*.

"Right click" on Setup.exe will show you file description as-

Description:	Instructor Station Application
--------------	--------------------------------

2. Flash window appears -



3. Installation for station version will continue similar to above "Fresh new installation" paragraph, Without steps 9-16.

Note: Installation will install the environment for station mode, without HW drivers.

INSTRUCTOR™ 3.5 Diamond Studio

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1.3 DiaMension™ Axiom installation

When installing Axiom machine, the user must select the second option – Hardware: Scanner + Marker:

Instructor - InstallShield Wizard	×
Setup Type Select the setup type that best suits your needs.	X
Select the application mode you want to work with:	
🗇 Hardware: Scanner only.	
Hardware: Scanner + Marker/Axiom engines.	
InstallShield	
< <u>B</u> ack Next >	Cancel

If the LaserMarking.cnfg file is missing from the Machine Data, this message will appear:



If the user selected the first option or data was missing the LaserMarking.cnfg, the LaserMarking.cnfg would have to be manually merged into the SarinData.cnfg.

1.4 Run as Administrator message

If the system user, which is used for Instructor[™]3.5 installation, is not an administrator, the next message will be displayed:

×	Only a user with Administ Current user does not hav	rator privileges can run this installation. e this privilege.
	Installation will abort now	

Upgrade from Instructor[™]

1.5 Upgrade from Instructor[™]3.5 (Side by Side) Win 7 32/64bit

If Instructor[™]3.1 is already installed on Win7 32bit OS (or windows 7 64 bit), clicking on Setup.exe from new installation CD (Instructor[™]3.1) will display the **Setup type** dialog first –

Instructor - InstallShield Wizard	
Setup Type Select the setup type that best suits	s your needs.
Please choose the option you need	ŀ
 Install Instructor™ 3.5 Opgrade Instructor™ 3.5 	(Side By Side) (Override existing installation)
© Uninstall Instructor™ 3.5.16.7 © Remove All	(Keep Necessary files) (Uninstall and Delete all files)
InstallShield	< Back Next > Cancel

1. for working *alongside* your previous version, select the first Option -



3. Backup Previous Version dialog will request the Name for the Backup Version -

Backup Pr	evious Version
The name	of the backup application appear below.
Press Nex	t to continue with the current name or type a new name.
Backup	Instructor3.1
stallShield —	
	Z Rock Neuto Concel

- 4. The Default name will be "Instructor3.1". If needed change the Name by typing and Click the button.
- 5. Backup previous version starts -



6. After backup process is complete, the Component Selection dialog appears -

Instructor - InstallShield Wizard		×
Component Selection		
Please select which components * Instructor requires Windows 7 (s to install. operating system or higher.	
Instructor 3.5		0 MB
Destination Folder		
C:\Program Files\Sarin Techno	ologies\Instructor	
InstallShield		
	< <u>B</u> ack N	lext > Cancel

7. Select the programs you want to install and click the

Next> button.

8. Language dialog appears –

	[Choose your English	preferred use	er interface la	inguage:	
	2					
-			< <u>B</u> ack	<u>N</u> ext >	Cance	

9. Select the desire language (currently only English supported) and click the button.

Windows Display Properties Do you wish to add the following items?	
Do you wish to add the following items?	
Quick Launch	
🕅 Sarin Screen Saver	
🕅 Sarin Desktop Background	
InstallShield	
< <u>Back</u> Next> Cance	

10. Select the **windows display properties** you would like to install and click the **Mext>** button.

11. Read the instructions below -

	In order to complete the setup process, please restart the computer BEFORE launching Instructor application.	
	ОК	
2. Click the OK	Instructor - InstallShield Wizard Image: StallShield Wizard </th <th></th>	
	< Back Finish Cancel]

13. Click the **Finish** button to restart your computer.

14. After restarting your computer, you can start working with the new installed application.

1.6 Upgrade from Instructor[™]3.5 (Override) - Win 7 32/64 bit

1. If Instructor[™]3.5 is already installed on Win7 32bit (or win7 64bit), clicking on Setup.exe from new (Instructor[™]3.5) installation CD will display the **Setup type** dialog first –

Setup Type Select the setup type that best suits	s your needs.	
Please choose the option you need	Ŀ	
🔘 Install Instructor 3.5	(Side By Side)	
Upgrade Instructor 3.5	(Override existing installation)	
🔿 Uninstall Instructor 3.5.15.35	(Keep Necessary files)	
🔘 Remove All	(Uninstall and Delete all files)	
istallShield ————————————————————————————————————	< Back Next >	Cancel

For Override previous version installed, select the second option –
 Override existing installation

Note: Selecting above option, will not backup previous version installed.

- 3. Select **Override existing installation** Option and click the **Next** button
- 4. The next steps are identical to <u>Side By Side</u> upgrade procedure.

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1.8 Upgrade from Instructor[™]3.0 (Side by Side/Override) Win 7 32/64bit

1. When Instructor 3.1 being upgraded from Instructor 3.0 (whether it is "Side By Side" or "Override") –

Instructor - InstallShield Wizard	×
Setup Type Select the setup type that best suits your needs.	XX
Please choose the option you need:	
Install Instructor™ 3.5 (Side By Side)	
O Upgrade Instructor™ 3.5 (Override existing installation)	
○ Uninstall Instructor™ 3.5.16.7 (Keep Necessary files)	
Remove All (Uninstall and Delete all files)	
InstallShield	Next > Cancel

This Dialog will appear on Screen:

Question	
?	Instructor [™] 3.5 will create new User-Settings and new Stone-database files. Old database files will not be accessible. If you wish to access previously saved data with your former version, please choose:. Click Yes to confirm and continue with new database. Click NO to go back to installation modes selection.
	Yes No

Note: Instructor[™] 3.5 new database infrastructure was replaced and does NOT support previous databases files (from Instructor[™] 2.6 or 3.0). this means, no automatic database migration from previous version to Instructor[™] 3.5

2. Selecting "Yes" will move all DB files (after backup procedure if side by side option was selected) under:

"C:\ProgramData\Sarin Technologies\Instructor\DataBase\Old"

And during the installation flow, the new DB files of Instructor 3.1 or higher will be placed under:

"C:\ProgramData\Sarin Technologies\Instructor\DataBase"

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- 3. Selecting "No" will bring you back to Installation modes selection
- 4. After Installation is properly completed, the Database folder will look like below -

"C:\ProgramData\Sarin Technologies\Instructor\DataBase"

📔 Old	File folder
📙 Stone Repository	File folder
InstructorDB.mdb	MDB File
📮 InstructorSettings.mdf	SQL Server Database Primary Data File
InstructorSettings_log.ldf	SQL Server Database Transaction Log File
📮 InstructorStones.mdf	SQL Server Database Primary Data File
InstructorStones_log.ldf	SQL Server Database Transaction Log File
📮 InstructorStonesCatalog.mdf	SQL Server Database Primary Data File
InstructorStonesCatalog_log.ldf	SQL Server Database Transaction Log File

The "Old" folder contains all files from previous DataBase.

5. The next steps are identical to <u>Side By Side</u> upgrade procedure.

1.9 Upgrade from Instructor[™]2.6 (Side by Side) - Win 7 32 bit

1. If Instructor[™]2.6 is already installed on Win7 32bit, clicking on Setup.exe from new (Instructor[™]3.5) installation CD will display the **Setup type** dialog first –

Instructor - InstallShield Wizard		×
Setup Type Select the setup type that best suits	your needs.	
Please choose the option you need	:	
Install Instructor™ 3.5	(Side By Side)	
© Upgrade Instructor™ 3.5	(Override existing installation)	
⊚ Uninstall Instructor™ 3.5.16.7	(Keep Necessary files)	
🔘 Remove All	(Uninstall and Delete all files)	
InstallShield		
	< <u>₿</u> ack Next>	Cancel

2. for working *alongside* your previous version, select the first Option -

Install Instructor™ 3.5 (Side By Side)

3. Select **Side By Side** Option and click the **Mext>** button.

Backup Previous Version dialog will request the Name for the Backup Version -

Backup Prev	ious Version				
The name of	the backup application ap	pear below.			
Press Next to	continue with the current	name or type a new	name.		
Backup	Instructor 2.6				
italishield ——					_
		< <u>B</u> ack	<u>N</u> ext >	Cancel	

- 4. The Default name will be "Instructor2.6". If needed change the Name by typing and Click the button.
- 5. Backup previous version starts -



6. Back up is completed now New Dialog appears regarding the Transfer (Copy) of Old settings to New Installation –

mport	A second s
Copy the following settings to th	e new installation:
Labels	🗹 Grading Data (Labs)
V Reports	
Views	
📝 User Shapes	
📝 Export Templates	
tallShield	
	Real Nexts Course

7. Select the Settings you want to Copy to new Installation and Click on button

8. New window opens and further steps will be <u>same as above</u>

1.10 Upgrade from Instructor[™]2.6 - Win 7 64bit

 If user has installed INS 2.x, unofficially, the installation emerges on Program Files (x86) hence Instructor[™]3.5 does not support upgrades, only clean installation. When trying to install, the following message appears –

istructor -	InstallShield Wizard	
<u>^</u>	Installation detected previous version of Instructor alread Make sure to uninstall previous version before continue in version. Installation will abort now.	y installed. nstallation new
		ОК

2. Read the Instruction and Click the **which will abort the installation**.

1.11 Upgrade from Instructor[™]2.6 (Override) - Win 7 32

1. If Instructor[™]2.6 is already installed on Win7_32bit, clicking on Setup.exe from new (Instructor[™]3.5) installation CD will display the **Setup type** dialog first –

the second secon
ancel
ation)

Note: Selecting above option, will not backup previous version installed.

7. Select **Override existing installation** Option and click the **Mext** button

Instructor - InstallShield Wizard	
Import	1
Copy the following settings to the n	ew installation:
 ✓ Labels ✓ Reports ✓ Views ✓ User Shapes ✓ Export Templates 	😨 Grading Data (Labs)
nstallShield	Agent Mext > Cancel

- 1. Select the Settings you want to Copy to new Installation and Click on button.
- 2. New window opens and further steps will be <u>same as above</u>.

2 Upgrade from DiaVision™

2.1 Upgrade from DiaVision[™] – Win 7 32bit

1. If DiaVision[™] is already installed on PC, then after click on **Setup.exe** from new (Instructor[™]3.5) installation CD –

	Welcome to the InstallShield Wizard for Instructor The InstallShield Wizard will install Instructor on your computer. To continue, click Next.
_	<u> </u>

2. After reading the splash message, click the button.

Instructor - InstallShield Wizard	x
License Agreement Please read the following license agreement carefully.	2
Press the PAGE DOWN key to see the rest of the agreement.	
©Sarine Technologies Ltd. 2015. All rights reserved.	^
Information in this software is subject to change without notice. No part of this software may be copied reproduced or transmitted in any form or by any means, electronic or mechanical, without express written permission of Sarine Technologies Ltd	E
Limited Warranty and Disclaimer:	
Sarine Technologies warrants this product to be free from defects in materials and workmanship under normal use for one year from purchase. All implied warranties and	Ŧ
Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install Instructor, you must accept this agreement. InstallShield	
Kack Yes No.	

3. Read the License agreement and, if you agree to it, click the

button –

Yes

instructor - InstallShield Wizard	X
Component Selection	24
Please select which components to install. * Instructor requires Windows 7 operating sys	tem or higher.
✓ Instructor 3.5	0 MB
N	
Destination Folder	
C:\Program Files\Sarin Technologies\Instru	uctor
InstallShield	
	< <u>B</u> ack Next> Cancel

Select the programs you want to install and click the button –

Instructor - InstallShield Wizard Calibration Files Location		×
Please select the location of your data fil	es and press Next.	
Destination Folder		Browse
InstallShield	< Back	Cancel

- 5. Click growse... on button and choose the Folder of machine Data from Computer.
- 6. Click the Exercise button.
- 7. Language dialog appears and the steps are same from <u>here (see above)</u>

2.2 Upgrade From DiaVision[™] – Win 7 64bit

 If user install DiaVision[™], the installation energies to Program Files (x86) hence Instructor[™]3.5 is not support with upgrades -> only clean installation – we will have the message as below-

	InstallShield Wizard
	Installation detected previous version of DiaVision already installed. Make sure to uninstall DiaVision version before continue installation new version. Installation will abort now.
	ОК

2. Read the Instruction and Click the button, which will abort the installation.

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3 Install with Advisor™

3.1 Installation in Presence of Advisor[™] – Win 7 32/64 bit

1. If Advisor is already installed on PC, then after click on Setup.exe from new (Instructor[™]3.5) installation CD –



2. After reading the splash message, click the **week** button.

	Inst	ructor - InstallShield Wizard	×
		icense Agreement Please read the following license agreement carefully.	N
		Press the PAGE DOWN key to see the rest of the agreement.	
		©Sarine Technologies Ltd. 2015. All rights reserved.	<u> </u>
		Information in this software is subject to change without notice. No part of this software may be copied reproduced or transmitted in any form or by any means, electronic or mechanical, without express written permission of Sarine Technologies Ltd	ш
		Limited Warranty and Disclaimer:	
		Sarine Technologies warrants this product to be free from defects in materials and workmanship under normal use for one year from purchase. All implied warranties and	Ŧ
	Inst	Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install Instructor, you must accept this agreement.	
		< <u>B</u> ack Yes <u>N</u>	0
3.	If agreeing with the	license agreement, click the Yes butto	on.

structor - InstallShield Wizard	
Component Selection	
Please select which components to install. * Instructor requires Windows 7 operating system or higher.	
✓ Instructor 3.5 0 MB	
Destination Folder	
C:\Program Files\Sarin Technologies\Instructor	
nstallShield	
< <u>B</u> ack Next > Cancel	

4. Select the programs you want to install. Click the button.

Instructor - InstallShield Wizar	d 🛛 🔀
Calibration Files Location	1
Please select the location of you	r data files and press Next.
Destination Folder	
A:V	B <u>r</u> owse
nstallShield	
	< Back Next > Cancel

- 5. Click ______ on button and choose the Folder of machine Data from Computer.
- 6. Click the button.
- 7. Language dialog appears and the steps are same from <u>here (see above)</u>.

4 Uninstall

There are 2 types of removing Instructor[™] 3.5 from your computer.

- (A) Uninstall keep the H/W files (machine data)
- (B) Remove all delete all files.
- 1. For uninstallation click on Setup.exe (CD) or Select Instructor[™] 3.5 from Control Panel/Uninstall Programs –

Instructor - InstallShield Wizard	
Setup Type Select the setup type that best suit	ts your needs.
Please choose the option you nee	d:
🔘 Install Instructor 3.5	(Side By Side)
🔘 Upgrade Instructor 3.5	(Override existing installation)
Uninstall Instructor 3.5.15.35	(Keep Necessary files)
🔘 Remove All	(Uninstall and Delete all files)
InstallShield	
	< Back Next > Cancel

2. Uninstall (case A)

2.1. If you select Option 3, See Image Below -

Uninstall Instructor 3.5.15.35 (Keep Necessary files)

2.2. It will auto uninstall without H/W & Sarindata.cnfg

3. Remove all (Case B)

3.1. If you select Option 4, See Image Below -

Remove All (Uninstall and Delete all files)

4. And Click the 📧 button

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5. The Confirmation Dialog appears -

Maintenance Complete InstallShield Wizard has finished performing maintenance operations on Instructor.
< <u>B</u> ack Finish Cancel

6. Eventually uninstallation is completed.