Miller AugmentedArcTM Software Upgrade Instructions



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Step 1: Download the Software Update Files to a USB Drive

Use a web browser (*Google Chrome is recommended*) to download the latest software update file (AugmentedArcSoftwareV1_3_0.zip) from this location: <u>https://www.millerwelds.com/support/system-setup-and-software/augmentedarc-software</u> (on the website, click on <u>Download Latest Software Update >></u>)

After the download completes, if you see any warning messages like this, then select the arrow tab and then select "Keep".



Open the downloaded file – AugmentedArcSoftwareV1_3_0.zip.

	Open
	Always open files of this type
	Show in folder
	Cancel
AugmentedArcSoftwzip	-

Use a file unzipping utility to unzip and extract the contents to an empty USB drive. There are different ways to do this. The following pages show two common methods – using Windows Explorer and using WinZip.

Unzip with Windows Explorer

If using the default Windows Explorer unzipping utility, select "Extract all files".

00- 1. • A	ugmentedArcSoftwar	e_V1_3	3_0					• 47	Search Augmented	ArcSoftwa	re_V1_:	3_0 P
Organize 👻 Ex	tract all files									8≡ ▼		0
🔆 Favorites		^	Name	Туре	Compressed size	Password	Size	Ratio	Date modified			
E Desktop	Т		augmented-arc.md5	MD5 File	1 KB	No	1 KB	5%	5/29/2018 1:07 PM			
	-		augmented-arc.update	UPDATE File	311,338 KB	No	311,243 KB	0%	5/29/2018 1:07 PM			
			AugmentedArc_TeacherSoftware_1	Application	185,360 KB	No	186,359 KB	1%	3/23/2018 12:26 PM			
3 items												

Select the USB drive location and then select **"OK"**. *Note: The letter of the drive may differ based on your computer.*

Select a destination	×
Select the place where you want to extract the selected item(s). Then dic OK button.	k the
⊿ 🖳 Computer	•
▷ 🏭 OSDisk (C:)	
DVD RW Drive (D:)	=
Removable Disk (E:)	
	Ŧ
To view subfolders, click the symbol next to a folder. Make New Folder OK Cancel	2

Select **"Extract"**. The extraction process will then begin and may take a few minutes.

			×
\bigcirc	🔒 Extract Compressed (Zipped) Folders		
	Select a Destination and Extract Files		
	Files will be extracted to this <u>f</u> older:		
	E:\	B <u>r</u> owse	
	Show extracted files when complete		
	Show extracted his when complete		
		_	_
		Extract Can	cel

The USB drive will then contain 3 files as shown below:

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G v - Computer + Removable Dis	sk (E:)		• 4 7	Search Removable	e Disk (E:)	<u>م</u> م
Organize 🔻 Share with 💌 Burn	New folder				≣ ▼ 🚺	0
Ibbraries Ibbraries	E	Name augmented-arc.md5 augmented-arc.update MugmentedArc_TeacherSoftware_1_3_023	Date 5/29/2018 1:07 PM 5/29/2018 1:07 PM 3/23/2018 12:26 PM	Type MD5 File UPDATE File Application	Size 1 KB 311,243 KB 186,359 KB	
3 items		.				

Unzip with WinZip

If using WinZip, select the "Unzip to:" drop-down button.

Image: Provide a strain of the strain of					
Unzip/Share Edit Backup Tools AugmentedArcSoftware_V Name augmented-arc.md5 augmented-arc.update AugmentedArc_TeacherSoftware_1_3_023	Settings View 1_3_0.Zip Type MD5 File UPDATE File Application	Help Modified 5/29/2018 1:07 PM 5/29/2018 1:07 PM 3/23/2018 12:26 PM	Size Packed 69 66 318,71 318,809, 190,83 189,808,	Actions Unzip All Files Unzip All Files Unzip to: VaugmentedArcS Convert & Protect Files When adding files to this zip: Encrypt Off Convert to PDF Off Resize Photos Off	
3 item(s)		Zip	File: 3 item(s), 485.06 MB	vraterinark On	

Select the USB drive location and then select "Unzip". Note: The letter of the drive may differ based on your computer.

Unzip - AugmentedArcSoftware_V1_3_0.zip	vable Disk (E:) 👻 🗳		×
New folder		833	- 🔲 🔞
 Computer (334.63 GB fre SDisk (C:) (334.63 C DVD RW Drive (D:) Removable Disk (E:) 	Computer E:		
		Unzip	Cancel

The extraction process will then begin and may take a few minutes.

The USB drive will then contain 3 files as shown below:

Organize ▼ Share with ▼ Burn New folder Image: Computer Size Ibitraries Image: Computer Image: Computer Image: Computer Image: Computer Size Image: Compu	Computer Removable Disk (E:)		▼ 4 ^j	Search Removable	e Disk (E:)	2
Ibbraries Name Date Type Size Documents augmented-arc.md5 5/29/2018 1:07 PM MD5 File 1 KB Music augmented-arc.update 5/29/2018 1:07 PM UPDATE File 311,243 KB Personal Documents Image: AugmentedArc_TeacherSoftware_1_3_023 3/23/2018 12:26 PM Application 186,359 KB Image: Videos Image: AugmentedArc_TeacherSoftware_1_3_023 3/23/2018 12:26 PM Application 186,359 KB	Organize Share with Burn New folder				!≡ ▼ 🚺	0
▼ ∢	 Libraries Documents Music Personal Documents Pictures Videos Computer OSDisk (C:) Removable Disk (E:) 	Name augmented-arc.md5 augmented-arc.update MagmentedArc_TeacherSoftware_1_3_023	Date 5/29/2018 1:07 PM 5/29/2018 1:07 PM 3/23/2018 12:26 PM	Type MD5 File UPDATE File Application	Size 1 KB 311,243 KB 186,359 KB	

Step 2: Install the Latest Teacher Software on Your PC

	_					×
G v - Computer + Removab	le Disk (E:)		✓ 47	Search Removable L	Disk (E:)	٩
Organize 🔻 💼 Open 🛛 Burn	New folder				E • 🚺	?
	^	Name	Date	Туре	Size	
🕞 Libraries		augmented-arc.md5	5/29/2018 1:07 PM	MD5 File	1 KB	
Documents Music		augmented-arc.update	5/29/2018 1:07 PM	UPDATE File	311,243 KB	
Personal Documents		AugmentedArc_TeacherSoftware_1_3_023	3/23/2018 12:26 PM	Application	186,359 KB	
Pictures Videos		†				
🖳 Computer 🏭 OSDisk (C:)	E					
🚗 Removable Disk (E:)						
			III			•
AugmentedArc_TeacherSoft Application	tware_1_3_023	Date modified: 3/23/2018 12:26 PM Date crea Size: 181 MB	ated: 3/23/2018 12:26 PM			

Double click the **AugmentedArc_TeacherSoftware_V_1_3_023.exe** file.

Select the desired language for the installation process. *Note: This selection only affects the language displayed during the installation process. The Teacher Software has its own separate setting for language.*

Language	selection
6	Please select a language for the installation process.
\sim	English
	OK Cancel

If prompted with this message or a similar message, click "YES".

😵 User	Account Control Do you want unknown pul	to allow the following program from an plisher to make changes to this computer?
	Program name: Publisher: File origin:	AugmentedArc_TeacherSoftware_1_3_023.exe Unknown Downloaded from the Internet
🕑 si	how <u>d</u> etails	Yes No
		Change when these notifications appear

The installation window will appear.



Click "**Next**". Continue with the installation process, including the license agreement screen. After a successful installation, shortcuts for the Teacher Software will appear on your desktop and Windows taskbar.

Step 3: Install the Latest Simulator Software on the Simulator

STANDALONE MODE

If your AugmentedArcTM system is setup in Standalone Mode (as is usually the case if you only have one system), follow these instructions. Otherwise, skip to <u>page 11</u>.

Plug the USB drive into the USB port located in the back of the AugmentedArc[™] Simulator.





Login as an instructor. Unless it has been changed, the default instructor login is:

- User Name: Admin, Admin
- Password: 1111

Press the "SETTINGS" button shown here:



Select the "Update Software" option.

1 SETTINGS		
	System Configuration	Check Components
Change L	anguage	Check Front Panel
Change U	nits and Standards	Check Audio
Change D	ate and Time	Check Camera Set
Change M	lode	Check Displays
Change T	racking Method	Calibrate Electrode Retraction
Change L	ighting Calibration Options	
Restore F	actory Defaults	Canfigura Camera Sat
	System Information	Restore Cameras
Mode: St Software System S System (Ethernet WIFI: no	andalone Version: 1.2 ierial Number: aaProto7 iertificate: Installed ! 82,188,0.101 t connected	Detected Video Devices uvc 3-9.4 uvc 3-10.4
Update S	oftware	Event Log
Show Ve	rsion List	
	Troubleshooting	
Connect I	o Technical Support	
Copy Scr	een Captures to USB	
Copy Log	Files to USB	

Select the "USB Stick" option.

SYSTEM SETTINGS			/// Miller
System Co	nfiguration	Check Comp	
Change Language Change Units Change Date a Change Mode	Select the source for t	his manual software update	
Change Tracki Change Lightir	► Inte	Stick	ction
Restore Factor System Init	formation	Configure Camera Set Restore Cameras	
Update Software Show Version List			
Troubles Connect to Technica	hooting I Support		
Copy Screen Captur Copy Log Files to US	es to USB		

There will be a short pause as it loads the files from the USB drive. You will then see a message "Installing the new updates. AugmentedArc[™] will reboot when finished…"</sup> The process of installing the updates and rebooting the system usually takes about 2 minutes.

Skip to <u>Verifying the Update</u> on page 12.

CLASSROOM MODE

If your AugmentedArc[™] system is setup in Classroom Mode (as is usually the case if you have more than one system), follow these instructions:

Power down the controller AND all connected AugmentedArc[™] simulator systems.

Plug the USB drive into a **black** USB port located in the back of the controller (the blue USB ports are USB 3.0 and may not work).



Press the power button to turn on the controller.

After the controller boots up, it will automatically install the software update. Wait about 5 minutes for this process to complete.

Reboot each of the AugmentedArc[™] simulators that are part of the Classroom Mode network. Each simulator will automatically be updated to the new version of software installed on the controller.

Step 4: Verifying the Software Update

When the simulator boots up for the first time after the software update, you should see a message on the login screen as shown here:

LOGIN		/// Miller
User	▲ A B C D E F G H I J K L M N O -Guest-	P 0 R S T U V W X Y Z ▶
	Admin, Admin	
	Student123, Student123	
	Software updated succe	ssful!
The software on this simula	or has been updated to version 1.3, which	n includes numerous changes and improvements.
See Miller Welds.com/ aasort	ware for details. Be sure to update your T	eacher Software to maintain compatibility.

On the Simulator, you can also verify the software version on the System Settings screen here:



If you encounter any difficulties during the software update process, feel free to contact Miller technical support at (866) 931-9730 (option 3) or email our education products support team at <u>education@millerwelds.com</u>.