

Continuum™ System Software Update Instructions

Please read these instructions carefully and completely BEFORE attempting a system software update.

The first part of the procedure is to obtain the system software update images from the webpage and get them stored on a USB thumb drive for later use to update your ContinuumTM. The second part of the procedure is to complete the actual update of the ContinuumTM welder. After completing the first part and creating a USB thumb drive for system updating, that USB thumb drive can be used to update multiple ContinuumTM. It is not necessary to create a new USB thumb drive for each ContinuumTM in your facility.

For additional information please visit the ContinuumTM System Software Update webpage: <u>https://www.millerwelds.com/support/system-setup-and-software/continuum-software</u>

Part 1: Obtaining the System Software Update

- 1. Insert your USB thumb drive into a USB port on the computer.
- 2. Verify that the USB thumb drive is formatted to a supported format (refer to <u>Appendix A</u> at the end of this document for assistance). If the USB thumb drive is not formatted FAT or FAT32, you must format the drive before continuing (refer to <u>Appendix B</u> at the end of this document for assistance).
- 3. Verify that the USB thumb drive DOES NOT have any other software upgrade files on it.
- 4. Navigate to the ContinuumTM Software Updates page on MillerWelds.com
- 5. Click the drop down arrow next to the ContinuumTM with Insight CoreTM heading to expose the software download link.

Home / Support / System Set	up & Software / Continuum Software
Continuum Software	Continuum Software Updates
Installation and Setup	Download the most up-to-date, innovative software solutions.
Questions? (920) 954-3809 7 am - 5 pm CST	By downloading software, you are agreeing to the Terms & Conditions set forth by Miller Electric Mfg. Co. Serial numbers prior to MF310500C; Stock Numbers 907679, 907678, please contact support at (920) 954-3809 for software updates.
	Serial numbers MF310500C and later, download the software below. System Software Installation Instructions [PDF] Download Latest Software Update (273417) effective 25-July-18)

6. Click on the link "Download Latest Software Update"



- 7. Depending on browser configuration you may or may not be prompted to save the file to a desired location.
 - a. After clicking the "Download Latest Software Update" link, a small pop-up ribbon will appear at the bottom of the browser. Click the drop-down box next to the "Save" option.

		_	~		_
Do you want to open or save Continuum_System_Update.zip (2.89 MB) from millerwewelds.com?	<u>O</u> pen	<u>S</u> ave	-	<u>C</u> ancel	×
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b. Click on the "Save as" option.

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		Save as
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c. A "Save As" window will pop-up. From this window, find a place to save the "273417.zip" file and click "Save". Your desktop is a good place so that the file is easier to find in later steps.

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le Downloads		🗼 cabs	1/7/2015 10:35 AM	File folder		
🔛 Recent Places		3 Cadence	5/13/2014 8:36 AM	File folder		
💱 Dropbox		crystalreportviewers12	5/13/2014 8:36 AM	File folder		
🜸 iCloud Photos	-	🎉 Data	10/20/2014 9:54 AM	File folder		
	-	J Documentation	10/20/2014 9:53 AM	File folder		
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Documents		퉬 Intel	8/19/2013 10:11 AM	File folder		
Music		腸 Language	10/20/2014 9:53 AM	File folder		
Pictures		MentorGraphics	10/2/2013 7:11 AM	File folder		
Videos		🍌 MSOCache	8/17/2012 4:50 PM	File folder		
		腸 National Instruments Downloads	8/23/2013 11:20 AM	File folder		
📜 Computer		PADS Projects	8/14/2014 6:52 AM	File folder		
	-	PADS ES Evaluation	8/29/2013 1:00 PM	File folder		
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8. Double click to open the "273417.zip" file.

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	ArcControlReal	App.crc	CRC File	6/	21/2018 1:33 PM	5	
	ArcControlReal	App.hex	HEX File	6/	21/2018 1:33 PM	1,106,108	199,
	AutoInterfaceAp	op.crc	CRC File	6/	21/2018 1:32 PM	5	
	AutoInterfaceA	op.hex	HEX File	6/	21/2018 1:32 PM	1,106,108	98,8
	AutoInterfaceBo	pot.crc	CRC File	6/	21/2018 1:32 PM	5	
	AutoInterfaceBo	oot.hex	HEX File	6/	21/2018 1:32 PM	184,410	54,2
	AutoInterfaceRe	alApp.crc	CRC File	6/	21/2018 1:34 PM	5	
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	Cooler.crc		CRC File	6/	29/2018 11:35 A	5	~
<							>
	30 item(s)				Zip File: 3	30 item(s), 10.7	75 MB



9. Drag and drop ALL the files from the ZIP file to the USB thumb drive. Make sure these files are put at the root of the USB thumb drive, the ContinuumTM will not be able to find them if they are in a folder on the USB thumb drive.

Computer	*	Name	Date modified	Туре
	_	ArcControlApp.crc	1/4/2018 3:50 PM	CRC File
Average Installer CAP		ArcControlApp.hex	1/4/2018 3:50 PM	HEX File
Axcessinstaller.CAD		ArcControlBoot.crc	1/4/2018 3:50 PM	CRC File
		ArcControlBoot.hex	1/4/2018 3:50 PM	HEX File
▷ IFZ VIVII-120		ArcControlRealApp.crc	1/4/2018 3:53 PM	CRC File
1 INOLO2 128		ArcControlRealApp.hex	1/4/2018 3:53 PM	HEX File
		AutoInterfaceApp.crc	1/4/2018 3:50 PM	CRC File
> 1 2KJ1LM1-146		AutoInterfaceApp.hex	1/4/2018 3:50 PM	HEX File
D 1 20A4200HYB-120		AutoInterfaceBoot.crc	1/4/2018 3:50 PM	CRC File
▷ IN 3HVFN02-120		AutoInterfaceBoot.hex	1/4/2018 3:50 PM	HEX File
▷ 1 39)4HX1-120		AutoInterfaceRealApp.crc	1/4/2018 3:53 PM	CRC File
▶ 1 4RNND12-138		AutoInterfaceRealApp.hex	1/4/2018 3:53 PM	HEX File
▷ 1 4RV/BY1-138		axcessInstaller.CAB	1/4/2018 3:59 PM	WinZip File
▷ 🖳 5CG42925NQ-120		AxcessInstaller.crc	1/4/2018 3:59 PM	CRC File
▷ 1 5CG5200B56-120		Cooler.crc	1/4/2018 3:49 PM	CRC File
▷ 🖳 5CG5223JDN-138		Cooler.hex	1/4/2018 3:48 PM	HEX File
▷ 1 5CG5233HRZ-120		FeederControlApp.crc	1/4/2018 3:50 PM	CRC File
▷ j 5PW6MM1-213		FeederControlApp.hex	1/4/2018 3:50 PM	HEX File
▷ p 6543BZ1-120		FeederControlBoot.crc	1/4/2018 3:50 PM	CRC File
▷ [6MDGFZ1-147		FeederControlBoot.hex	1/4/2018 3:50 PM	HEX File
▷ 🖳 7H9GMS1-120		FeederControlRealApp.crc	1/4/2018 3:51 PM	CRC File
▷ 🜉 7WFCL02-120	E	FeederControlRealApp.hex	1/4/2018 3:51 PM	HEX File
▷ 1 7XT7L02-120		UserInterfaceApp.crc	1/4/2018 3:57 PM	CRC File
▷ 🖳 7XXCL02-120		UserInterfaceApp.hex	1/4/2018 3:57 PM	HEX File
▷ 1 VB9L02-120		UserInterfaceBoot.crc	1/4/2018 3:57 PM	CRC File
▷ 🖳 8DYLVV1-120		UserInterfaceBoot.hex	1/4/2018 3:57 PM	HEX File
▷ I N 8DZKVV1-120		UserInterfaceRealApp.crc	1/4/2018 3:59 PM	CRC File
D 🖳 AGARZA-1217		UserInterfaceRealApp.bex	1/4/2018 3:59 PM	HFX File
AMS7101			2, 7, 2020 3,00 1 101	, There I the



10. Eject the USB thumb drive by right clicking the drive icon in "My Computer" and selecting "Eject" from the menu.



11. Unplug the USB thumb drive from the PC and move on to "Part 2: Updating the ContinuumTM" instructions.





Part 2: Updating the Continuum™

- Make sure the ContinuumTM is completely powered down prior to updating the system. When the white "Power ON" LED, on the power source, has turned off the system is fully powered down, this will take approximately 25 seconds. Starting a software update without a full power cycle will result in an incomplete update and potentially cause additional problems.
- 2. Flip open the rubber USB port protection door and plug the USB thumb drive into the USB port on the front panel of the User Interface.





- 3. Power ON the machine. The ContinuumTM will automatically begin reading the USB thumb drive.
- 4. When prompted by the User Interface, select "YES" to update the system by pressing the button under the "YES" option. It is VERY important that the USB thumb drive be left in the system throughout the entire update. DO NOT touch the system until the update is complete (that includes not touching the USB thumb drive, gun, feeder, user interface, power source, knobs, buttons, or power switch). Any user interference with the update process may result in an inoperable machine.



- 5. The Continuum[™] will proceed with updating itself. This part of the process should take about 15 minutes.
 - a. The first 5-7 minutes of the update will be loading a collection of helper apps into the machine. The last step of this part is to load the helper app into the User Interface. During this period the LEDs will go blank for up to 15 seconds.
 - b. The next 3-5 minutes are dedicated to updating the system bootloaders. The last step of this part is to load the new User Interface bootloader, at which point the LEDs will go blank for up to 15 seconds again.
 - c. The final 5-7 minutes of the update are loading the new application images into the system. The last step of this part is to load the new User Interface application at which point the LEDs will go blank again. After this point the system will reboot itself.



6. When the update is complete, the user interface will be displaying the standard home screen and the system will be ready to weld. At this point it is safe to remove the USB thumb drive and begin using the machine again.



Appendix A: Verifying USB thumb drive format

- a. Open My Computer and locate your USB thumb drive in the list of devices.
- b. Select you USB thumb drive by single clicking on it.
- c. Right click and select Properties

	Removable Disk (E:)	
	Open Open in new window Open AutoPlay	
5	Scan with System Center Endpoint Protection	
	Share with	
4	WinMerge	
	Open as Portable Device	
	Select Left Folder for Compare	
2	Scan with Malwarebytes Anti-Malware	
	Perforce	3
4	WinZip	- 18
0	Shared Folder Synchronization	
	Format	
	Eject	
	Cut	
	Сору	
	Create shortcut	
	Rename	
	Properties	

d. In the properties window pop-up the "File System" type will be listed. This should read "FAT" or "FAT32".

le Disk 15,683,584 bytes	14.0 MP
15,683,584 bytes	14.0 MP
15,683,584 bytes	14.0 MP
15,065,304 Dytes	
8,211,070,976 bytes	7.64 GB
8,226,754,560 bytes	7.66 G8
Drive E:	
	8,226,754,560 bytes



Appendix B: Formatting a USB thumb drive

- 1. Formatting will delete any data on the USB thumb drive. Therefore, any data on the USB thumb drive that you wish to keep should be copied to the PC now.
- 2. Next, open My Computer and locate your USB thumb drive in the list of devices.
- 3. Select your USB thumb drive by single clicking on it.
- 4. Right click and select Format...



5. A format configuration menu will pop-up. In the "File system" drop down, select either "FAT" or "FAT32". Make sure the "Quick Format" box is checked. Then click the "Start" button to begin the process.

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Cagacity:				
7.67 GB				-
ile system				
FAT32 (De	efault)			
Allocation	init size	-	-	
4096 byte	s			
/olume <u>l</u> ab	el			
Format o	ptions Format L an <u>M</u> S-D	DOS star	tup disk	
	C	Start	>	<u>C</u> lose

6. A warning will pop-up indicating that all data will be erased during the format. This is why we saved all the necessary data to the PC in the earlier step. Click "OK" and the format process will begin.





7. A window will pop-up and inform you when the format is complete. Click "OK" on the pop-up, then Click "Close" on the format configuration menu. The USB thumb drive is now properly formatted and ready to receive the ContinuumTM System Update files.

Formatting Remova	ıble Disk (E:)
Format Co	mplete.
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