

# HOTFIX

## IC-II FIRMWARE 4.3.1.8 HOTFIX

#### IC-II Firmware 4.3.1.8 Hot Fix

This hotfix release is intended to fix an issue causing the loss of module communication.

This will also improve some intermittent delays in Module and station functionality for ICs that are accessible over the internet.

**NOTE:** This is intended to be used with Design Center versions 4.3.2 and higher. Using this firmware with older versions of Design Center can lead to breaking of device functionality and is not recommended.



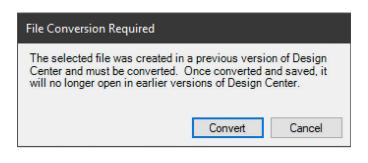
## UPDATING FIRMWARE ON IC-II CONTROLLERS

### Updating Firmware On the Controller to 4.3.X

These steps provide information on updating your controller's firmware with Design Center 4.3.X.



**1. IMPORTANT!** This update must be performed locally, not remotely. Before you begin, please write down the controller #01 serial number located on the product box label, or on the back of the controller. Download the Firmware 4.3.1.8 to your computer (Desktop is recommended for ease of locating file later).



**2.** If you are working with a DC Project file that was made in Design Center 4.x, please proceed to step 3. If you are updating a project that was made in an older version of Design Center, please do the following first: From within Design Center 4.x, open your existing project. A "File Conversion Required" message will appear. Select **Convert**, then immediately after the file has converted, do a **Save As** and use a new file name so you avoid saving over your original file.



3. Make sure that you are using Design Center 4.3.1 and verify the IP address of your InFusion Controller. Go to **Toolbar > Connection > IP Address** and enter in the IP address of your controller. You can also use the pull down field to find and select your controller by IP address.

lissing Serial Number	
Please enter the serial number that corresponds to IC-II 1:	ОК
	Cancel
0	

4. Go to *Toolbar* > *System* > *Update Firmware* and select *Update Controller Firmware*. You will receive a *Missing Serial Number* window. Enter in the serial number of your InFusion Controller and select *OK*.





# **SECTION ONE** Updating Firmware On IC-II Controllers

insecure ports device as nee device and an settings, keep addition, you you have alte about how yo	closed and ded, but in d y information in mind how should use c red the defau ur modification	n contained in the this may impact	s disabled. you may be device. As the security ing your dev s. If you hav may affect i	You are free decreasing you modify the of the device vice to the Int ve any question ts security, pl	to configure your the security of your the device's default and your network. In ernet, especially if ons or concerns ease contact the

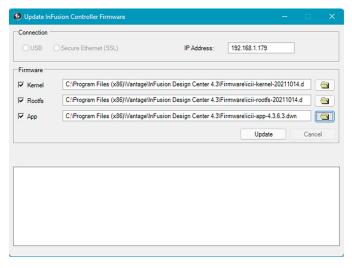
**5.** A confirmation window will appear. Please review the EULA and select **Decline** to end the update process or **Accept** to continue with the firmware update.

Read Learned Values	
Any Equinox profiles, learned load levels, variat lost after the firmware update. Do you want to updating firmware?	
NOTE: The project which corresponds to the oreading learned values.	data on the controller must be loaded before
	Yes No

**6.** Next, the *Read Learned Levels* window will appear. If you are upgrading an existing site and need to retain Equinox profiles, learned load levels, etc., select the *Yes* box. If this is a new site and you do not need to retain Equinox profiles, learned load levels, etc., select *No* to proceed.

Read Lear	ed Values via Secure Ethernet Connection IP 192.168.1.179?
asks, vari unless this	command will read learned values from the controller(s) and modify ables, and timers in this project accordingly. Do not use this commany project file matches the project in the controller(s). Undo will be fter this command is completed.
Equinox	Profiles
0	All Controller profiles will be backed up before the firmware update. When programming you will have the option of merging
	or keeping these profiles.
Options	or keeping these profiles.
	or keeping these profiles. /ariable Values
🔽 Read	
✓ Read ✓ Read	/ariable Values

7. You will see a yellow Vantage icon in the upper menu as Design Center is connected to the InFusion Controller. If you selected Yes from the previous step, the *Secure Ethernet Connection* window will appear. Select the options that you would like to retain while updating the controller firmware. Select *OK* to proceed.

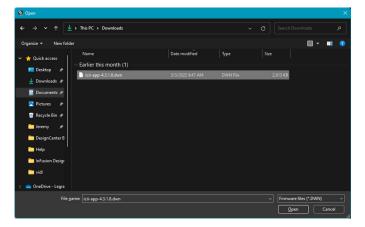


8. Inside the *Update InFusion Controller Firmware* window, check the boxes next to the Kernel, Rootfs, and App so that each of these will all be updated together. This is required when moving to Design Center 4.3.1.8 from any previous versions. Click the *Folder* Icon next to the *App Row* to select the 4.3.1.8 firmware location.





# **SECTION ONE** Updating Firmware On IC-II Controllers



**9.** Find the location of the downloaded 4.3.1.8 Firmware file (browse back to the desktop for the App firmware) in the Open dialog and, once selected, click *Open*.

Connection -			
OUSB	O Secure Ethernet (SSL)	IP Address:	192.168.1.179
Firmware			
✓ Kernel	C:\Program Files (x86)\Vantage\InFusion Design Center 4.3\Firmware\icii-kernel-20211014.d		
✓ Rootfs	C:\Program Files (x86)\Vantage\InFusion Design Center 4.3\Firmware\icii-rootfs-20211014.d		
App	C:\Users\User\Downloads\icii-ap	p-4.3.1.8.dwn	
			Update Cancel

**10.** Select **Update** to continue. All controllers in a system will be updated during this process. You do not need to connect to each controller separately. When you are asked that"the kernel and rootfs is not newer than the version already installed on the controller. Install anyway?", select Yes.

Connection -	O Secure Ethernet (SSL)	IP Address:	10.0.1.240
irmware			
Kernel	C:\Program Files (x86)\V	antage\InFusion Design Center 4.2	\Firmware\icii-kernel-20191206.d
Rootfs	C:\Program Files	te Controller Firmware	Alicii-rootfs-20210329.d
App	C:\Program Files		Nicii-app-4.2.0.5.dwn
		Update Complete!	Update Done
Loading ap Sending ap		ОК	_
Committing	g app Image controller system		
	r controller tasks to complete		

**11.** After this process is complete, select *OK* on the *Update Complete!* box. Using the front LCD on the InFusion Controller, verify that the firmware version has updated.

