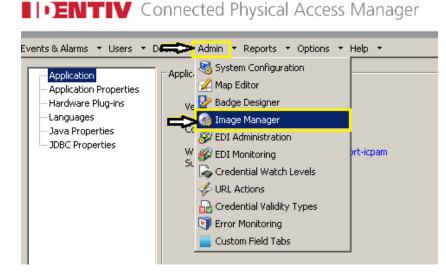


The following walkthrough covers the steps required to upgrade the firmware for the Secure Network Interface Board (SNIB3):

Updating the Firmware on a SNIB3 installed in a Hirsch Mx Multi-Door Controller

Requires: ICPAM 3.0.1(0.3.13) Installed

• Proceed to the Image Manager to upload the firmware to the server



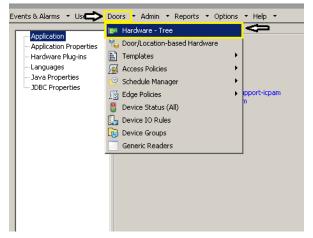
- Unzip the supplied firmware file to see the included .dat file.
- Locate the folder the file was unzipped to
- Select the .dat file and click Upload
- The uploaded file will appear on the right hand side

TFTP server: 10.1.1.157 Defa	ault			_				
Local: C:\ C:\Program Files (x86)\Ide	ntiv		6	Rem	iote:			5
Name	Size	Date		Na	ime	Size	Date	U.P.
📁 1 cpam system		Wed Apr 19 1			SNIB3_FW_02_01_0025.dat	889694	Wed Jun 28 1	
GICPAM_2.2.0_0.3.12		Fri Jun 16 12:						۰.
GICPAM_3.01(3.13)		Thu Jul 13 10						
ICPAM_Lino_Test_IP_150		Thu Jul 13 08						
📁 ICPAM 3.0.1(0.3.13) Upgrade		Fri Jun 23 16:						
📁 ICPAM3.020thApril		Wed Jul 12 1						
CPAM30HotFIx42017_noLan		Thu Jun 15 0						
📁 ICPAMLanguagePack_old		Thu Jun 15 0						
CPAP wSpPk hf420		Mon May 22						
SNIB3_FW_02_01_0025.dat	889694	Wed Jun 28 1						
0								
,								
Upload Download								



• Next, select *Doors* > Hardware Tree

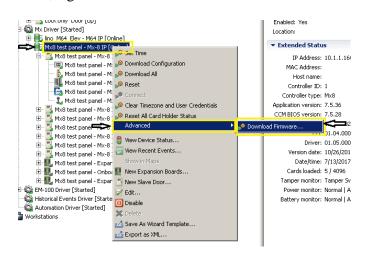
IDENTIV Connected Physical Access Manager



• Within the Hardware Tree, select the Mx Controller to upgrade. Make sure that the controller is online and ready to have the update applied.

i
🖻 🎡 Mx Driver [Started]
😟 🎼 lino_M64_Elev - M64 IP [Online]
🖻 📲 Mx8 test panel - Mx-8 IP [Online]
🖻 🖳 Mx8 test panel - Mx-8 IP Door 1 [Online]
- 💷 Mx8 test panel - Mx-8 IP Door 1 - Door Contact [Online]
🔤 🧓 Mx8 test panel - Mx-8 IP Door 1 - Lock [Online]
Mx8 test panel - Mx-8 IP Door 1 - Reader [Online]
🖳 🔄 Mx8 test panel - Mx-8 IP Door 1 - REX [Online]
🛄 🛴 Mx8 test panel - Mx-8 IP Door 1 - Tamper [Online]
🕀 🖳 Mx8 test panel - Mx-8 IP Door 2 [Online]

• Next, right click on the controller and select *Advanced* > **Download Firmware**





• The following dialogue box will appear with the built-in ICPAM TFTP server pre-filled. Click *Browse*.

Download Firr	nware			×
Image name:		⇔	Browse	
TFTP server:	10.1.1.157			
Path:				
	ОК	Cancel]	

• Select the firmware image uploaded, click OK.

-8 IP D(Image List pansion				×
board C File Name		Image Name	Version	\top
par SNIB3_FW_02_01_0025.dat		SNIB3_FW	02.01.0025	
rted]	ОК	Cancel]	

• All fields will populate with the appropriate values. Click **OK** to initiate the firmware upgrade process. **IMPORTANT:** Do not power cycle the controller during this process!

Download Firmware					
Image name:	SNIB3_FW_02_0	1_0025.dat	Browse		
TFTP server:	10.1.1.157				
Path:	ath: /tftpboot/SNIB3_FW_02_01_0025.dat				
Ð	ок	Cancel]		
poute [Oplipe]			- D2		

• Note the status of the controller in the Hardware Tree will show *Downloading* and then go *Offline* as the controller restarts.

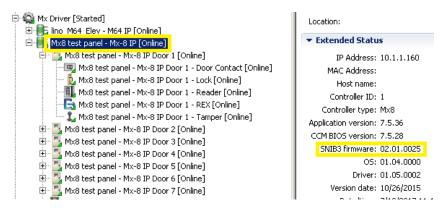
Mx Driver [Started] Mx8 test panel - Mx-8 IP [Offline] Mx8 test panel - Mx-8 IP [Offline] Mx8 test panel - Mx-8 IP Door 1 [Offline] Mx8 test panel - Mx-8 IP Door 1 - Door Contact [Offline] Mx8 test panel - Mx-8 IP Door 1 - Lock [Offline]	▼ Status Status: Offline Name: Mx8 test panel - Mx-8 IP Type: Mx Controller
Image: State of the state	Model: Mx-8 IP Parent: Mx Driver Address: 1 Enabled: Yes Location:



• Once the controller comes back online, the status will change from **RED** to **GREEN**:

Mx Driver [Started] Mx8 test panel - Mx-8 IP [Online] Mx8 test panel - Mx-8 IP Door 1 - Door Contact [Online] Mx8 test panel - Mx-8 IP Door 1 - Lock [Online] Mx8 test panel - Mx-8 IP Door 1 - Lock [Online] Mx8 test panel - Mx-8 IP Door 1 - Reader [Online] Mx8 test panel - Mx-8 IP Door 1 - Reader [Online] Mx8 test panel - Mx-8 IP Door 1 - REX [Online]	▼ Status Status: Online Name: Mx8 test panel - Mx-8 IP Type: Mx Controller Model: Mx-8 IP Parent: Mx Driver
Mx8 test panel - Mx-8 IP Door 1 - Tamper [Online] Mx8 test panel - Mx-8 IP Door 2 [Online] Mx8 test panel - Mx-8 IP Door 3 [Online] Mx8 test panel - Mx-8 IP Door 4 [Online] Mx8 test panel - Mx-8 IP Door 5 [Online] Mx8 test panel - Mx-8 IP Door 5 [Online]	Parent: Mx Driver Address: 1 Enabled: Yes Location: Extended Status

• Verify the firmware update was successful by reviewing the *Extended Status* on the right side of the Hardware Tree after selecting the controller just updated:

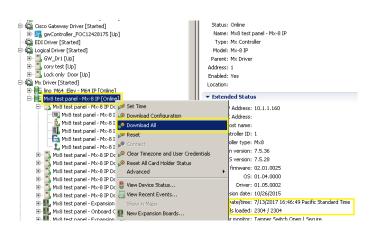


• In addition, after updating the SNIB3 firmware, the Mx Controller <u>**REQUIRES**</u> a factory reset to clear program configurations and the user database. To reset the controller, hold down the **BLUE** button above the 28V DC power supply connection for **30 Seconds.**





• Once the controller completes the reset cycle, the Mx Controller(s) will need to have all data re-downloaded to ensure proper functionality. Right Click on the Controller and Select *Download All*.



• To ensure the Controller is online and operating correctly, the clock located in the Extended Status window will increment every 2 seconds.

If any assistance is required on upgrading the firmware or if the controller does not come back online, please contact our support team via email at support_icpam@identiv.com.