## **ADVANTAGE SERIES FIRMWARE UPGRADE INSTRUCTIONS**

## Method 1-Update through web GUI

- 1. Login to the web GUI with admin user
- 2. Go to the system management page.

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Mail <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th></th<>						
System Management		Upload Firmware Upload Confi	iguration Down	nload Configuration	Default Settings	Restart
System Information	Rack Location	LED Edge Color	>	Select a PDU	to Restart	
System Name	Room Name	LED Color		(1	$\bigtriangledown$	
Contact Name	Row Name					
Contact Email	Row Position					
Contact Phone	Rack Name					
Contact Location	Rack ID 0					
	Rack Height 0					

- 3. Click on "Upload Firmware"
- 4. Navigate where you downloaded the "Enlogic.tar" file

## Upload Firmware

You must keep your browser window open for the duration of the upload. PDU will reboot once the firmware is Upgraded.

Chouse PD0		
PDU 1		
Choose Firm	ware	
Browse	enlogic.tar	

 Click on Upload. You will see uploading Screen on GUI.

n D LED Edge Color D	Upload Firmware
C Uploading	You must keep your browser window open for the duration of the upload. PDU will reboot once the firmware is Upgraded.
0	Choose Firmware Browse enlogic.tar Uptoad

6. On successful upload you will see confirmation on GUI **saying firmware upload success PDU is rebooting**.

LED Colori	Upload Firmware
Firmware Image uploaded	You must keep your browser window open for the duration of the upload. PDU will reboot once the firmware is Upgraded.
	Choose PDU PDU 1
OK	Choose Firmware
	Browse enlogic.tar
	Unload
	Uproad

7. For updating PDUs in daisy-chain, you will need to follow decremental order from salve PDUs to master PDU for upgrade via web.

E.g. If user has 4 PDUs in daisy-chain, he will need to do update in following sequence using web GUI. 4->3->2->1

## Method 2- Update using USB drive

Pre-requisites:

You will need a USB stick that has a USB-C connector.

FW upgrade instructions:

- 1. Plug in the USB drive to computer.
- 2. Create a folder and name it as 'update'. Extract the firmware archive file to the folder.
- 3. USB contains will look like this upon completion of step 2

Name	Date modified	Туре	Size
📄 at 91 bootstrap. bin	6/20/2019 9:08 AM	BIN File	11 KB
📄 at91-sama5d3_xplained.dtb	6/20/2019 9:19 AM	DTB File	29 KB
📄 rootfs.ubi	2/16/2020 7:43 PM	UBI File	33,024 KB
📄 u-boot.bin	6/21/2019 3:36 AM	BIN File	597 KB
📄 zlmage	6/20/2019 9:19 AM	File	3,567 KB

- 4. Make sure the PDU is powered off.
- 5. Once you've prepared the USB stick, insert it into the USB-C port on the controller. Then turn on the power. You will see the LCD display show a bL Ln rT message.



6. The update should take about a minute. Then the controller will reboot. The LCD display will go back to displaying power data and show the colored LED border. After another minute you will see the LED display show the Enlogic logo and boot up progress indicator.



7. Once the controller reboots, go to Device > Firmware Version in the local menu to check that the correct FW version is loaded.