

# HELIOS Processing System

## PX1 Receiver

Release Notes v19.11.0

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<http://megapixelvr.com>

## Introduction

The HELIOS LED Processing Platform also includes the PX1 Tile Receiver Card as part of a complete system.

Some features/improvements may require updating the LED tile firmware also.

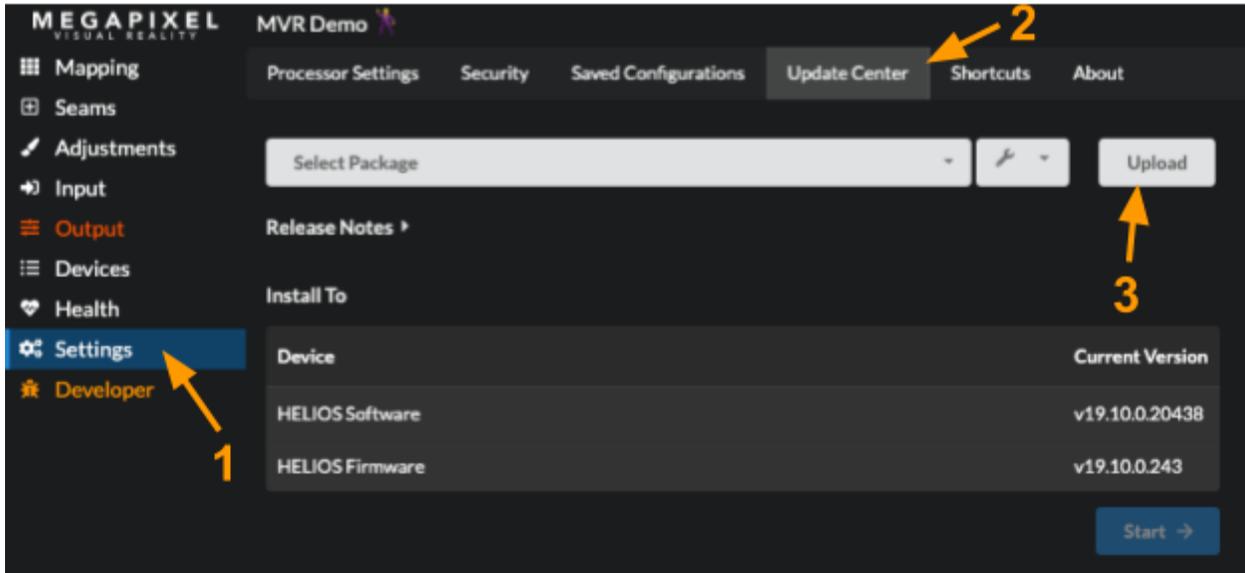
The current user manual and releases for the HELIOS LED Processing Platform can be found at: <http://www.megapixelvr.com/support/>

It is always recommended to update the HELIOS Processor software prior to upgrading the PX1 Receiver Card firmware.

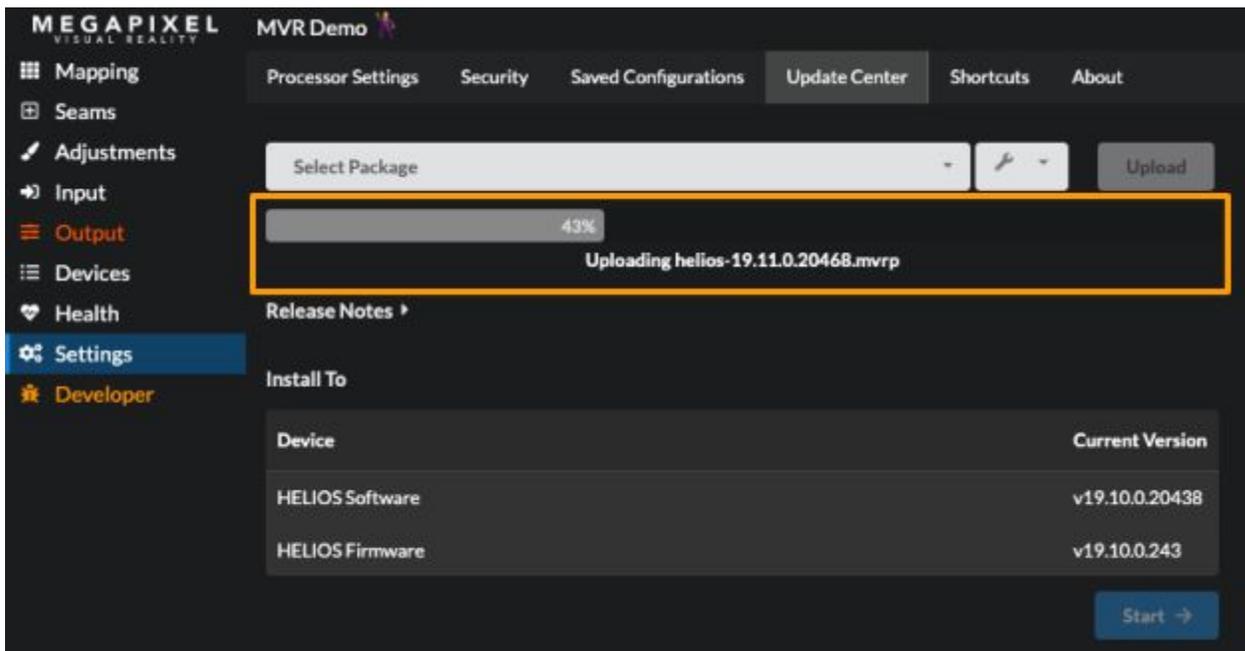
Upgrading the HELIOS will upgrade both the software and firmware versions as needed on the HELIOS Processor.

## HELIOS Upgrade Instructions

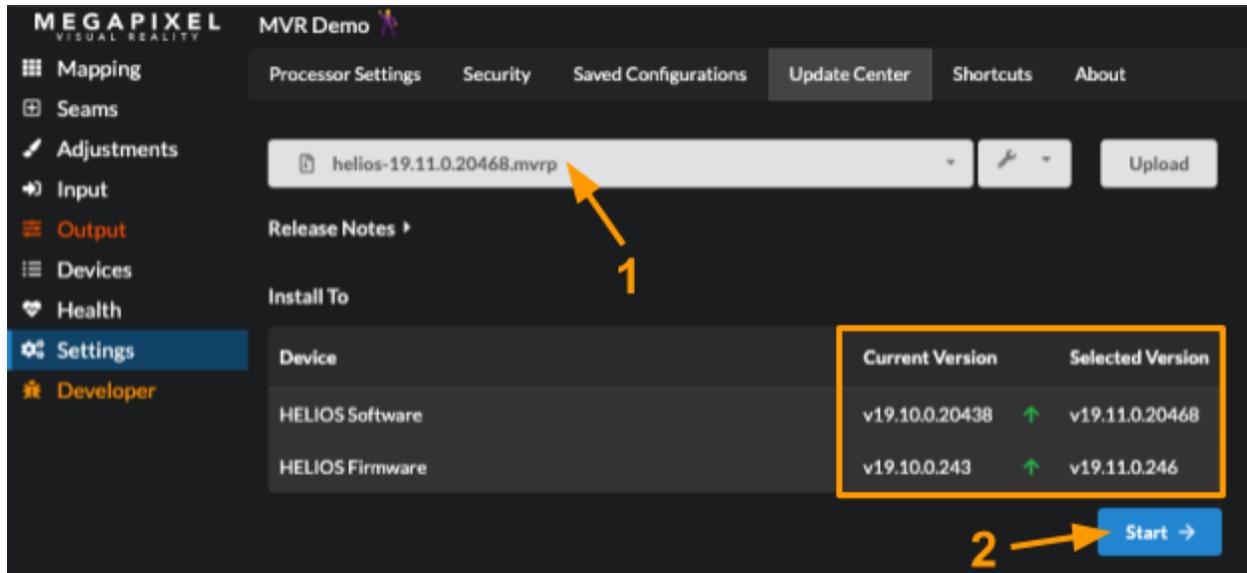
In the HELIOS web UI navigate to: *Settings->Update Center* and select the "Upload" button.



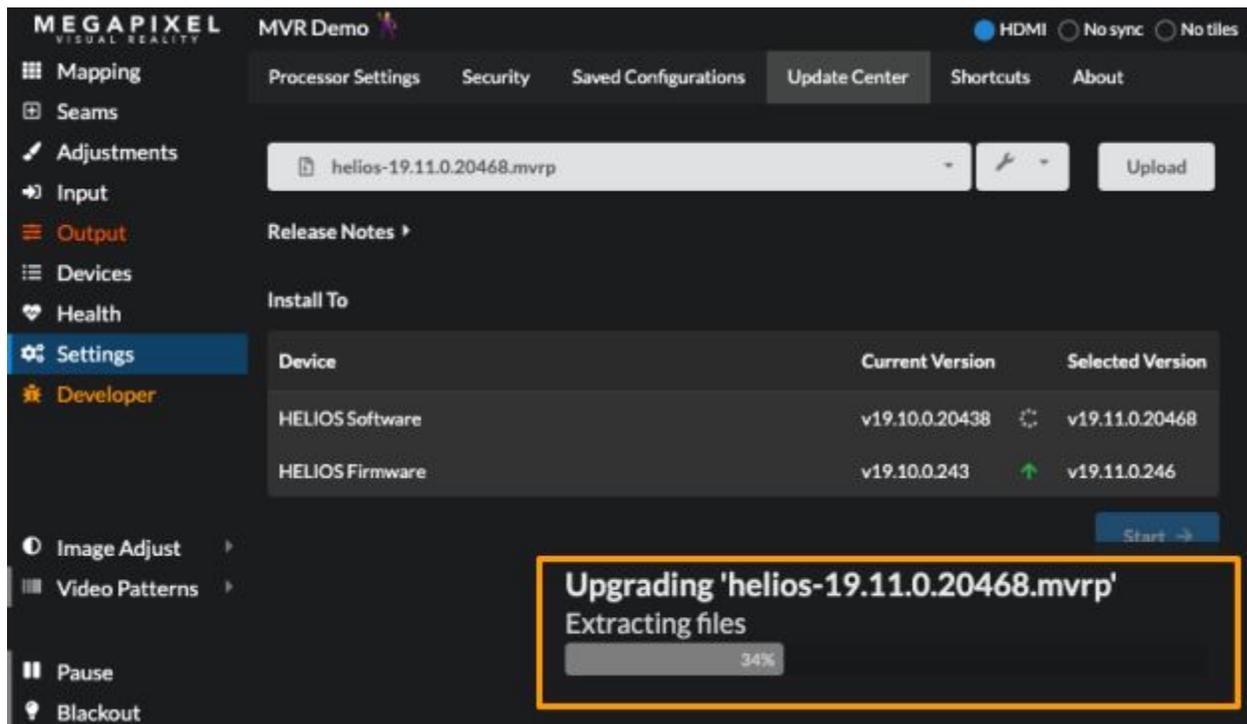
Browse to the current software .MVRP file your computer and upload it. You should see the following progress bar as the file is being uploaded.



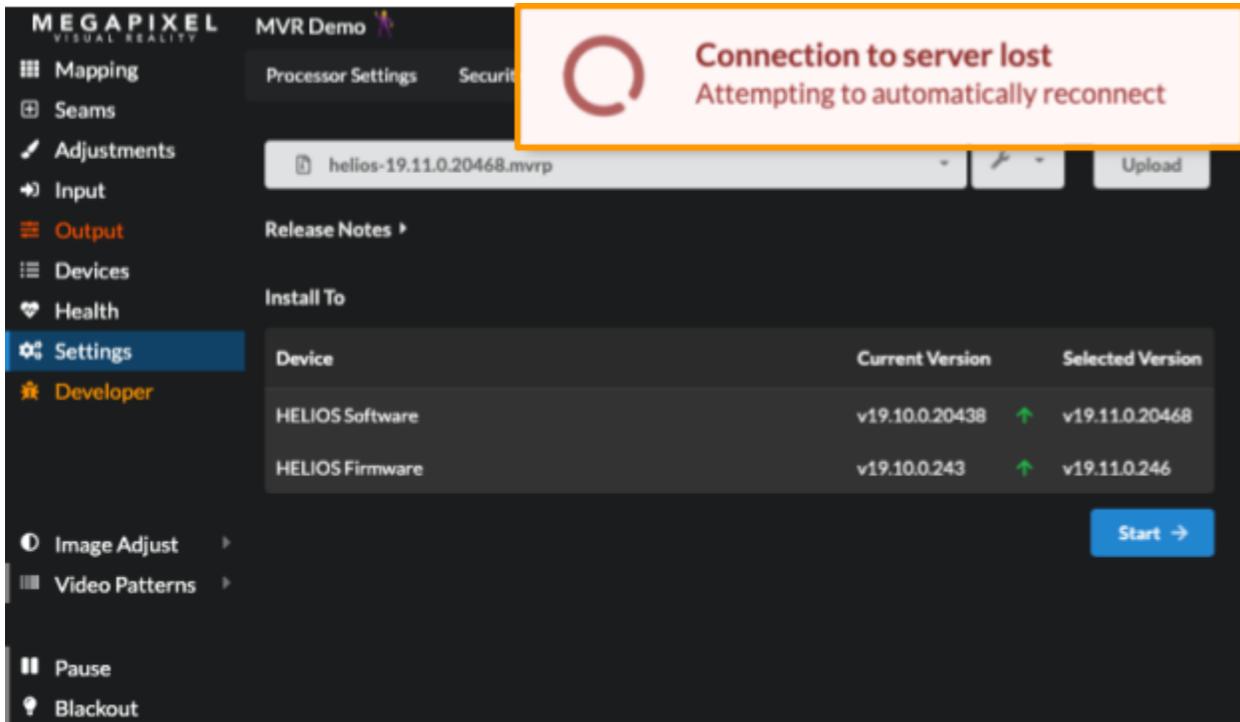
After the package has uploaded you can then execute installation by selecting the appropriate MVRP package in the drop down list (1) and then clicking on "Start" (2).



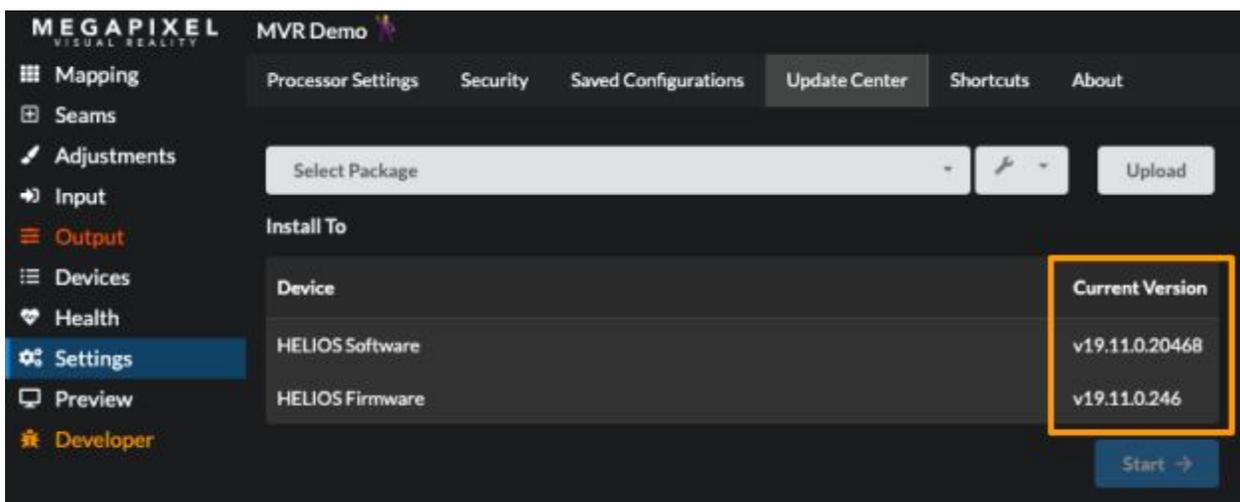
You will then see the upgrade process continuing as shown below.



During the upgrade, you will see the “Connection to server lost” message as HELIOS is performing the upgrade and restarting.



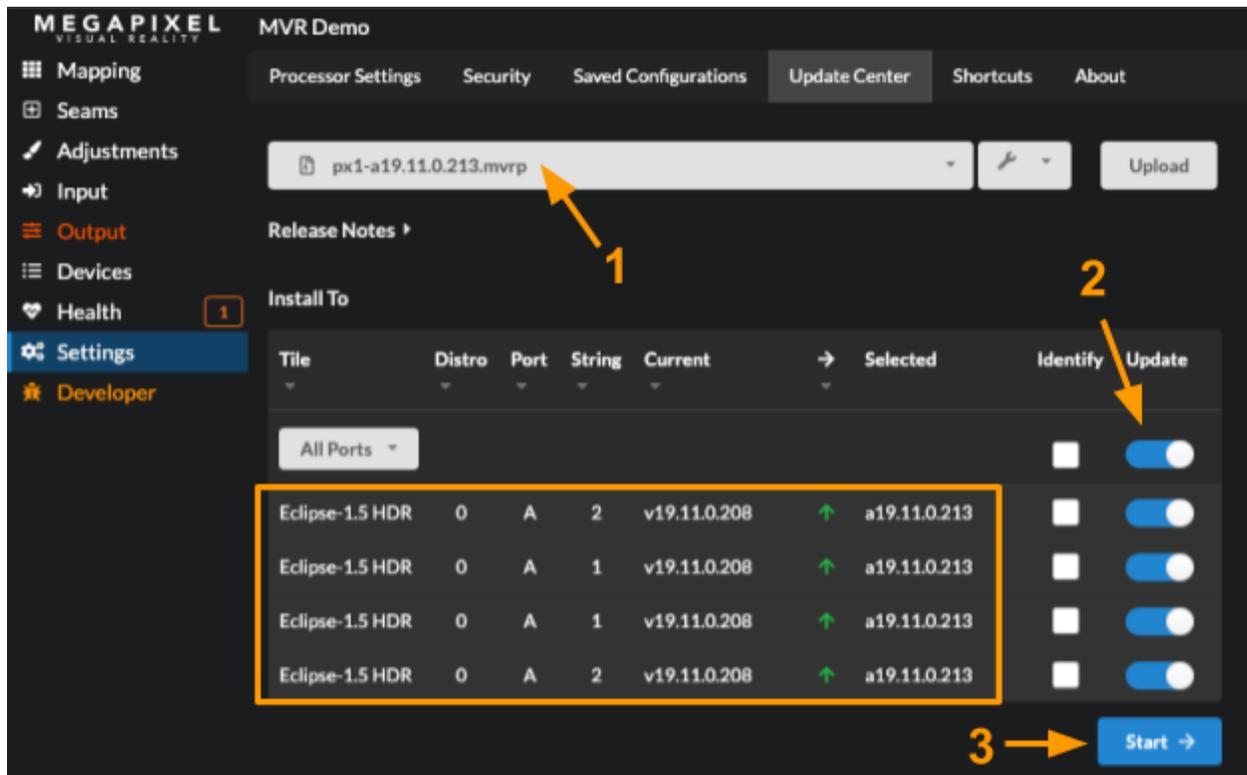
Once the upgrade is complete, you can see the current software and firmware versions displayed below.



## PX1 Upgrade Instructions

Once the firmware for the HELIOS Processor has been updated, then the firmware for the PX1 Tile Receiver Cards may also be upgraded using a similar process. Upload the PX1 Receiver Card firmware (px1-xx.xx.xx.xxx.mvrp) using the same process above and then select it in the drop down list.

You will then be presented options for which tiles to update to the latest firmware. You can enable/disable which tiles are included in the firmware update and then press the "Start" button in order to initiate the firmware upgrade process.



## Version Information

After updating, the following should be displayed as the current versions.

Device	Version
HELIOS Software	v19.11.0.20468
HELIOS Firmware	v19.11.0.246
PX1 Receiver Card	v19.11.0.216

## New Functionality

- Input - Automatically expand details for the selected input (#358)
- LCD - Make it more obvious when in blackout/test pattern (#209)
- Processor Settings - Renamed Experimental to Advanced mode (#334)
- Preview - Support preview for single inputs, but still working on stitched inputs (#159)

## Bug Fixes

- Application - Continue showing current input while test pattern is active (#357)
- Devices - Timeout detected sensor faults (#388)
- PX1 - Added delay after blackout before putting tiles into low power mode (#329)
- Fixed Alert Names (#163)

## Known Issues

- Previews - Only single inputs are supported. i.e., 2x2 SDI, 4x1 SDI will be black (#395)