QSYS Driver for Netvio MV-H2-0401

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| --- | --- |
| Revision | Initial Release1.0.3 |
| Written By | Peter Woods |
| Date | 27/07/2025 |

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### Known Issues

1.0.3 , Initial release

Window border commands are disabled.

### Supported Devices and Configurations

Connection to Multiviewer MV-H2-0401 (MV) through JP4 series CL controllers to endpoint serial ports

Connection to MV through MX matrix series controllers to endpoint serial ports

Connection to MV directly to a Crestron processor serial port

Connection to MV via IP to Serial convertor

### Development Parameters

|  |  |
| --- | --- |
| Application / Hardware | SW/ FW Version |
| QSYS Designer | 10.0.0 |
| Netvio CL-10 Controller | CL: 1.9.13 |
| Netvio MV-H2-0401, MCU | 1.10.02 |
| Netvio MV-H2-0401, SCALER | 20240328-11 |

### Files

The NV MV-H2-0401 NetvioWindowingProcessor103.qplugx file must be saved in the QSYS plugin directory. Starting with the 10.0.0 release of QSYS Designer this directory location can be changed in File / Preferences.

### Setup For Using Netvio Controller Based System

Ensure that Permission to access Plaintext API has been selected on the Auth & API Settings tab In Netvio 360.

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Description automatically generated

The port serial parameters are sent to the defined endpoint at login to the controller. The following settings are applied to the port:

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### Setup For Using Direct Control

When using direct control the serial port settings are set by the third party control devices. The recommended setting is 115200, N, 8, 1.

### Set Parameters on QSYS Module

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|  |  |
| --- | --- |
| Parameter | Function |
| Control\_Connection | Connection point to MV |
| IP Address | IP address of MV or 3rd party convertor |
| IP Port | IP port of MV or 3rd party convertor |
| Netvio\_Username | Netvio controller username |
| Netvio\_Password | Netvio controller password |
| Netvio\_Endpoint\_Type | Netvio endpoint type (Tx or RX) |
| Netvio\_Endpoint\_Channel | Netvio endpoint channel (number) |

### Module User Interface

The buttons provided on the module can be dragged into the project UCI file(s). Alternatively the Pins can be utilized if there is a need to integrate into existing QSYS logic control.

### Screen Layouts

Video and Audio / Single Window

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Video and Audio / PIP

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Video and Audio / PBP

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Video and Audio / Triple Window

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Video and Audio / Quad Window

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Output Setup

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System Setup

Currently disabled

### Content+

Currently there is no QSYS support of H.46x support on UCI pages.