

## Adding Properties to Industrial HiVision

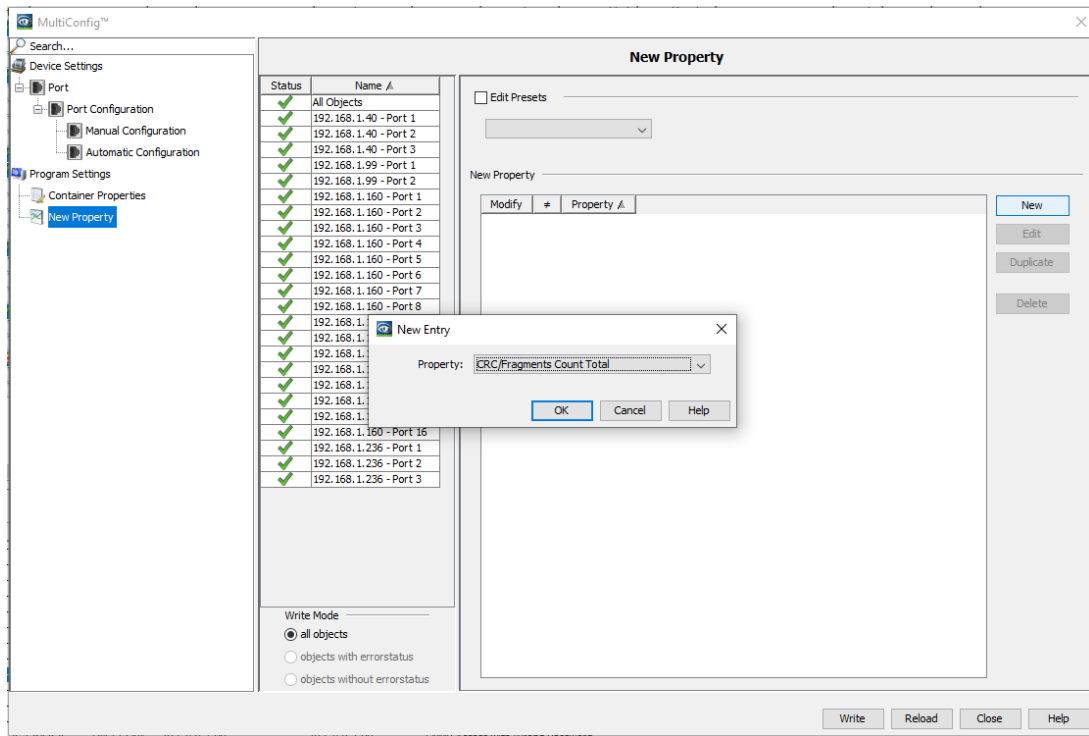
John M - 2021-09-03 - Industrial HiVision

This guide is designed to give an example of adding a new property in HiVision to give more monitoring options. The example in this guide uses a port property under the port tab. There are other properties that can be monitored that will be under the other tab selections.

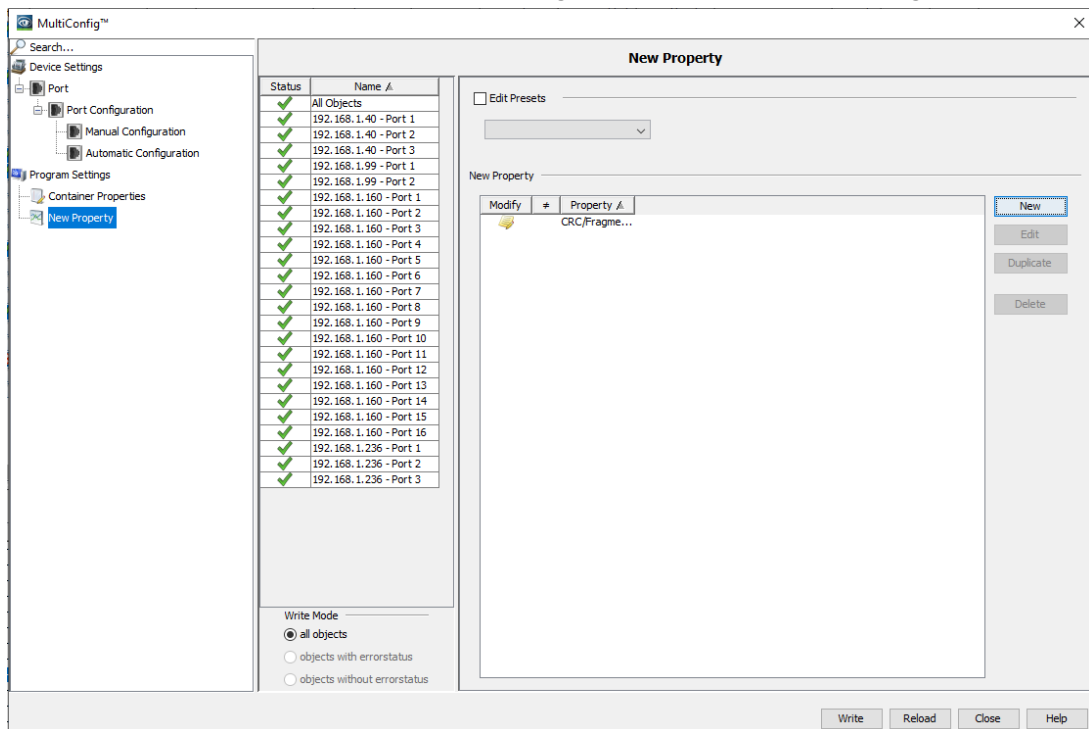
In Industrial HiVision, go to the ports tab and select the ports to be monitored

| Map  | List   | Devices       | Ports | Connections | Properties    | Security Status | PEE      |                   |              |      |       |      |         |       |                        |                    |     |  |  |  |
|------|--------|---------------|-------|-------------|---------------|-----------------|----------|-------------------|--------------|------|-------|------|---------|-------|------------------------|--------------------|-----|--|--|--|
| Type | Status | Device ID     | Port  | Port Name   | Media Type    | Autoneg         | Link     | Port Enabled      | Speed/Duplex | User | Load  | PriD | Ingress | VLANs | VLAN Consistency Check | SFP Power RX (dBm) | SFP |  |  |  |
|      |        | 192.168.1.40  | 1     | Copper      | Connected     | Yes             | 100 Full | (S)               | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.40  | 2     | Copper      | Connected     | Yes             | 100 Full | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.40  | 3     | Unknown     | Not Connected | Yes             | -        | -                 | 0.00         | 1    | Error |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.99  | 1     | Copper      | Connected     | Yes             | 100 Full | ehb99-7a-0c-4b-f5 | 0.00         |      |       |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.99  | 2     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         |      |       |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 15    | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 11    | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 7     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 3     | Copper      | Connected     | Yes             | 100 Full | ec5c5:55:a6:34:1e | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 16    | Copper      | Connected     | Yes             | 100 Full | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 12    | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 8     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 4     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 13    | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 9     | Copper      | Connected     | Yes             | 100 Full | 94:60:38:85:9e7e  | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 5     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 1     | Fiber       | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 14    | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 10    | Copper      | Connected     | Yes             | 100 Full | (S)               | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 6     | Copper      | Not Connected | Yes             | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.160 | 2     | Fiber       | Not Connected | No              | -        | -                 | 0.00         | 1    | OK    |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.236 | 2     | Unknown     | Not Connected | No              | -        | -                 | 0.00         |      |       |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.236 | 1     | Unknown     | Connected     | Yes             | 100      | -                 | 0.00         |      |       |      |         |       |                        |                    |     |  |  |  |
|      |        | 192.168.1.236 | 3     | Unknown     | Not Connected | No              | -        | -                 | 0.00         |      |       |      |         |       |                        |                    |     |  |  |  |

Right click and select Multi-config, click the new button and select the property that needs to be monitored, click OK



Click the write button and close the Multi-config window when finished writing



Go to the properties tab and select the property that was just added (as shown below in yellow) to monitor the value.

| Map List Devices Ports Connections Properties Security Status PoE |                          |               |               |                     |         |       |  |
|---|--------------------------|---------------|---------------|---------------------|---------|-------|--|
| Device Class: All Property: CRC/Fragments Count Total (Port)      |                          |               |               |                     |         |       |  |
| Device...   | Status                   | IP Address A  | Device Name   | Device Class        | Name    | Value |  |
|   | <input type="checkbox"/> | 192.168.1.40  | 192.168.1.40  | EAGLE 20/30         | Port 2  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.40  | 192.168.1.40  | EAGLE 20/30         | Port 3  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.40  | 192.168.1.40  | EAGLE 20/30         | Port 1  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.99  | 192.168.1.99  | Eagle20 / EAGLE ... | Port 1  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.99  | 192.168.1.99  | Eagle20 / EAGLE ... | Port 2  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 5  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 15 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 10 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 8  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 13 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 3  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 2  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 7  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 11 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 16 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 9  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 14 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 4  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 12 | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 1  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.160 | 192.168.1.160 | OpenRail, Mach 4... | Port 6  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.236 | 192.168.1.236 | Switch              | Port 2  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.236 | 192.168.1.236 | Switch              | Port 3  | 0     |  |
|   | <input type="checkbox"/> | 192.168.1.236 | 192.168.1.236 | Switch              | Port 1  | 0     |  |

