

Adding Properties to Industrial Hivision

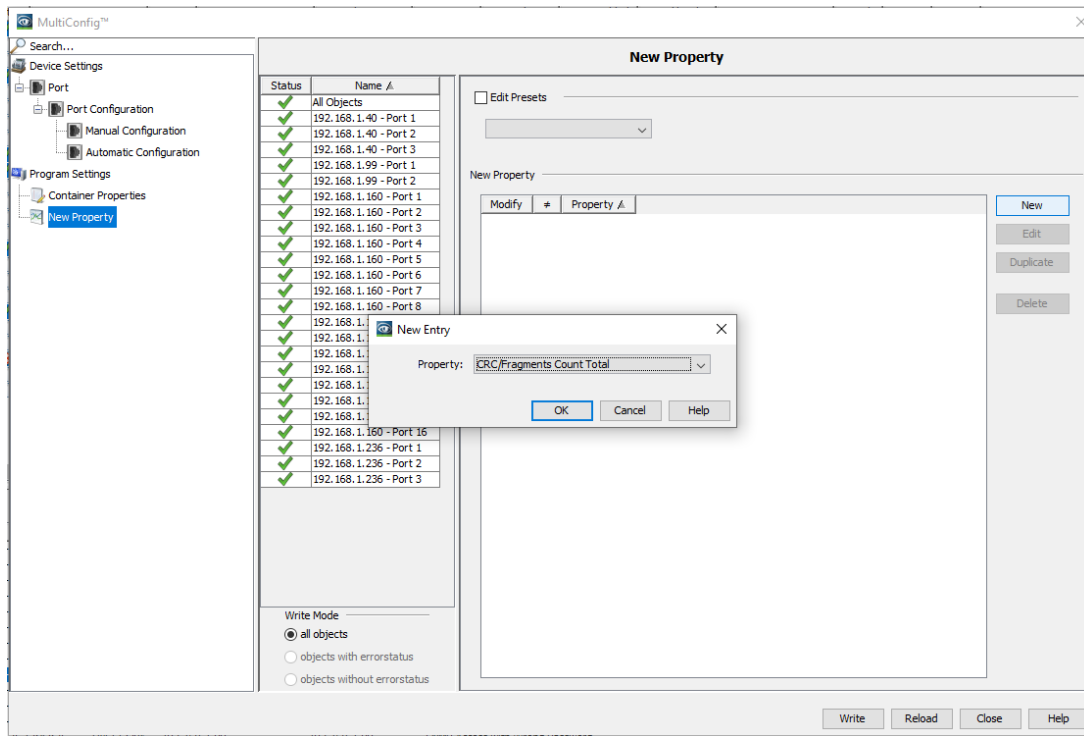
John M - 2021-09-03 - Industrial HiVision

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.

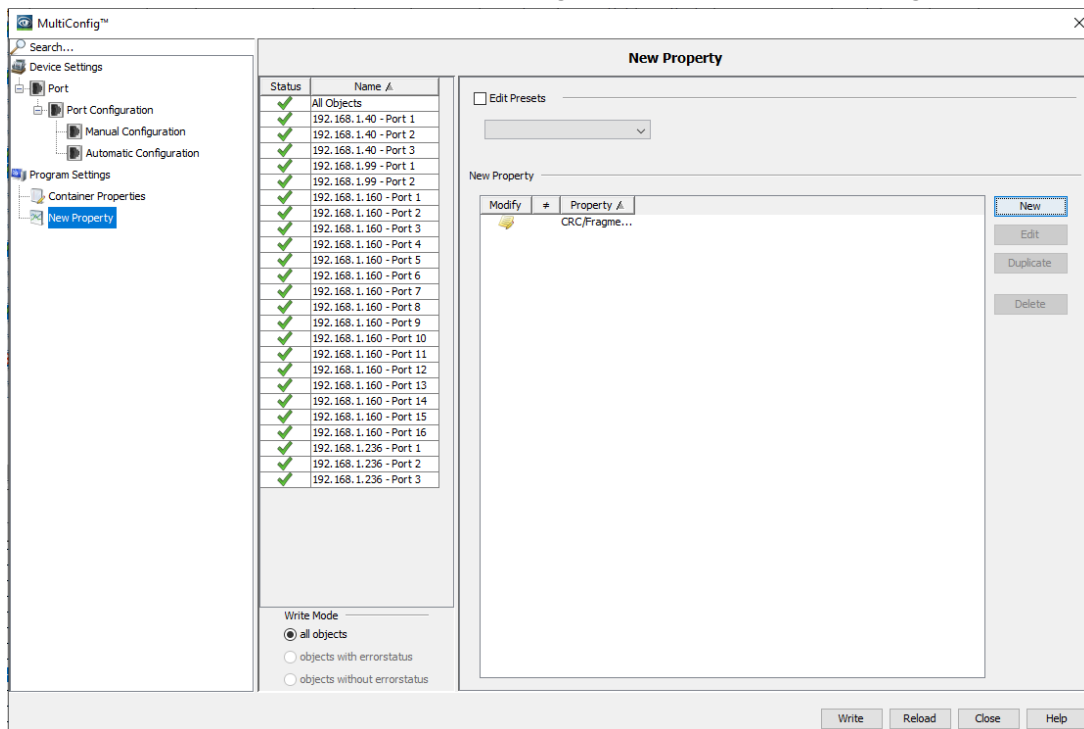
In Industrial Hivision, go to the ports tab and select the ports to be monitored

Map	List	Devices	Ports	Connections	Properties	Security Status	Port	Port Name	Media Type	Autoneg	Link	Port Enabled	Speed/Duplex	User	Load	PVID	Ingress	VLANs	VLAN Consistency Check	SFP Power Rx (dBm)	SFP
			192.168.1.40	1			1	Port 1	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	[S]	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.40	2			2	Port 2	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.40	3			3	Port 3	Unknown	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	-	Error	-	-
			192.168.1.99	1			1	Port 1	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	-	0.00	1	<input checked="" type="checkbox"/>	-	-	-	-
			192.168.1.99	2			2	Port 2	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	-	-	-	-
			192.168.1.160	15			15	Port 15	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	11			11	Port 11	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	7			7	Port 7	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	3			3	Port 3	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	ec:45:55:ae:34:1e	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	16			16	Port 16	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	12			12	Port 12	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	8			8	Port 8	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	4			4	Port 4	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	13			13	Port 13	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	9			9	Port 9	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	84:60:38:85:9e:ce	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	5			5	Port 5	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	1			1	Port 1	Fiber	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	14			14	Port 14	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	10			10	Port 10	Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	[S]	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	6			6	Port 6	Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.160	2			2	Port 2	Fiber	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-
			192.168.1.236	2			2	Port 2	Unknown	<input checked="" type="checkbox"/>	Not Connected	No	-	-	0.00	1	<input checked="" type="checkbox"/>	-	-	-	-
			192.168.1.236	1			1	Port 1	Unknown	<input checked="" type="checkbox"/>	Connected	Yes	100	-	0.00	1	<input checked="" type="checkbox"/>	-	-	-	-
			192.168.1.236	3			3	Port 3	Unknown	<input checked="" type="checkbox"/>	Not Connected	No	-	-	0.00	1	<input checked="" type="checkbox"/>	-	-	-	-

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 /	Device Name	Device Class	Name	Value	
		192.168.1.40	192.168.1.40	EAGLE 20/30	Port 2	0	
		192.168.1.40	192.168.1.40	EAGLE 20/30	Port 3	0	
		192.168.1.40	192.168.1.40	EAGLE 20/30	Port 1	0	
		192.168.1.99	192.168.1.99	Eagle20 / EAGLE ...	Port 1	0	
		192.168.1.99	192.168.1.99	Eagle20 / EAGLE ...	Port 2	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 5	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 15	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 10	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 8	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 13	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 3	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 2	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 7	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 11	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 16	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 9	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 14	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 4	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 12	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 1	0	
		192.168.1.160	192.168.1.160	OpenRail, Mach 4...	Port 6	0	
		192.168.1.236	192.168.1.236	Switch	Port 2	0	
		192.168.1.236	192.168.1.236	Switch	Port 3	0	
		192.168.1.236	192.168.1.236	Switch	Port 1	0	

