

Adding Properties to Industrial HiVision

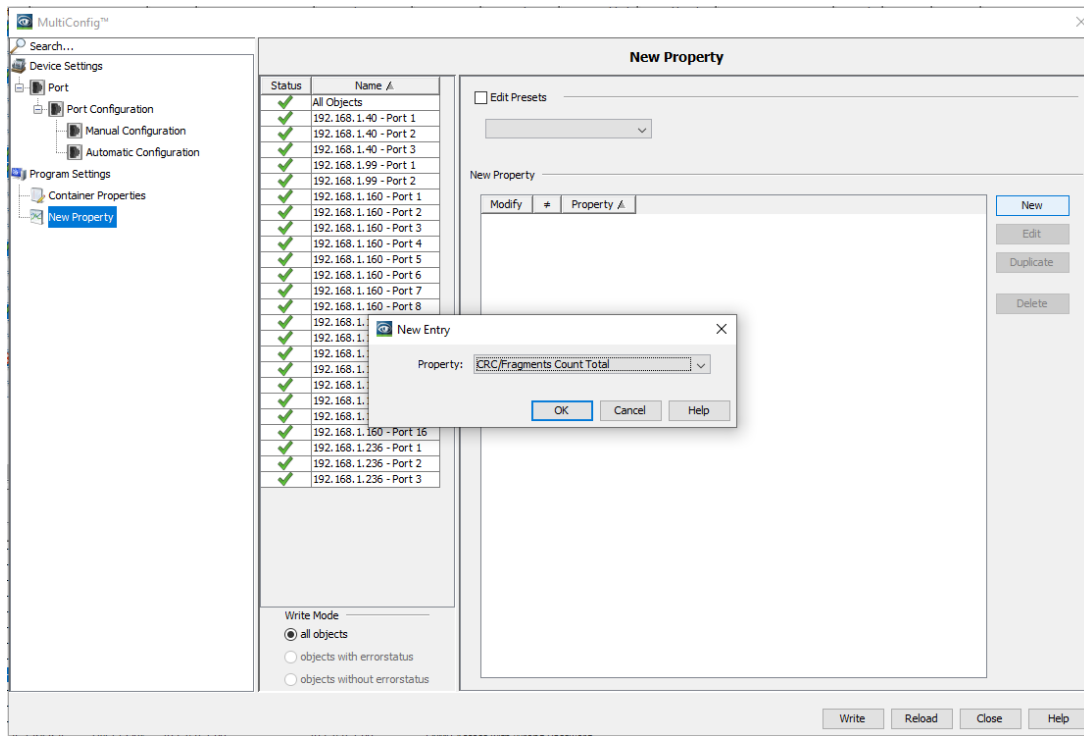
John M - 2021-09-03 - Industrial HiVision

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.

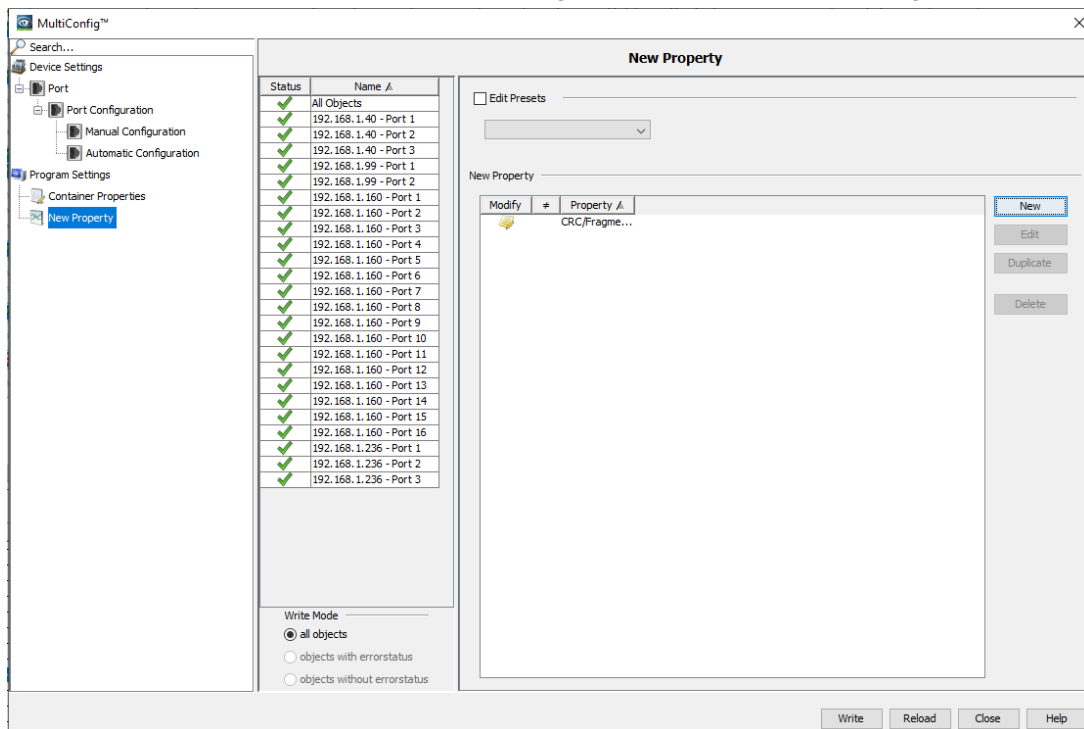
In Industrial HiVision, go to the ports tab and select the ports to be monitored

Map	List	Devices	Ports	Connections	Properties	Security Status	PoE	Type	Status	Device ID	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		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	(S)	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.40	2		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	-	-	-	0.00	1	<input checked="" type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.40	3		Unknown	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input checked="" type="checkbox"/>	10	Error	-	-	-	-	-	-	-
			192.168.1.99	1		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	ehb99-7a-0c-4b-f5	-	-	0.00	-	<input type="checkbox"/>	-	-	-	-	-	-	-	-	-
			192.168.1.99	2		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	-	<input type="checkbox"/>	-	-	-	-	-	-	-	-	-
			192.168.1.160	15		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	11		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	7		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	3		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	ecac5:55:a6:34:1e	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	16		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	12		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	8		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	4		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	13		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	9		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	94:60:38:85:9e:ce	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	5		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	1		Fiber	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	14		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	10		Copper	<input checked="" type="checkbox"/>	Connected	Yes	100 Full	(S)	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	6		Copper	<input checked="" type="checkbox"/>	Not Connected	Yes	-	-	-	-	0.00	1	<input type="checkbox"/>	10	OK	-	-	-	-	-	-	-
			192.168.1.160	2		Fiber	<input type="checkbox"/>	Not Connected	No	-	-	-	-	0.00	-	<input type="checkbox"/>	-	-	-	-	-	-	-	-	-
			192.168.1.236	2		Unknown	<input type="checkbox"/>	Not Connected	No	-	-	-	-	0.00	-	<input type="checkbox"/>	-	-	-	-	-	-	-	-	-
			192.168.1.236	1		Unknown	<input type="checkbox"/>	Connected	Yes	100	-	-	-	0.00	-	<input type="checkbox"/>	-	-	-	-	-	-	-	-	-
			192.168.1.236	3		Unknown	<input type="checkbox"/>	Not Connected	No	-	-	-	-	0.00	-	<input 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 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	

