Example Channel Name:	myChannel
Example Prop Name:	myProp

Base MQTT Topic Format:
/[ChannelName]/[PropName]/

Example MQTT Topic Format:
/myChannel/myProp/

Message Types	Topic	RX / TX	Payload	Example Topic	Example Payload	Description
Heartbeat	/[ChannelName]/[PropName]/heartbeat	TX	None	/myChannel/myProp/heartbeat	None	Sent every 10 seconds to keep MQTT connection alive.

Output	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"OUTPUT",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Node-RED to Prop
					"DIRECTION":"TO",
					"TYPE":"OUTPUT",
					"INDEX":5,
					"VALUE":0
					} //Set the Output 5 to 0
						Gets or sets ouput at [index] to [value].
						[index] should be in the range 0-5 (6 outputs)
						[value] should be in the range 0-1 (off or on)

Input	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"INPUT",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Prop to Node-RED
					"DIRECTION":"FROM",
					"TYPE":"INPUT",
					"INDEX":0,
					"VALUE":0
					} //Input 0 state changed to 0
						Gets or sets input at [index] to [value].
						[index] should be in the range 0-5 (6 inputs)
						[value] should be in the range 0-1 (off or on)

Relay	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"RELAY",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Prop to Node-RED
					"DIRECTION":"FROM",
					"TYPE":"RELAY",
					"INDEX":0,
					"VALUE":1
					} //Relay 0 state changed to 1
						Gets or sets relay at [index] to [value].
						[index] should be in the range 0-1 (2 relays)
						[value] should be in the range 0-1 (off or on)

Reset	/[ChannelName]/[PropName]/	RX	{
			"DIRECTION":"TO",
			"TYPE":"RESET"
			}
				/myChannel/myProp/	{ //From Node-RED to Prop
					"DIRECTION":"TO",
					"TYPE":"RESET"
					}
						Resets the controller and expansion board(s) I/O state.

FX60 Output	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"FX60_[address]_OUTPUT",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Node-RED to Prop
					"DIRECTION":"TO",
					"TYPE":"FX60_0_OUTPUT",
					"INDEX":3,
					"VALUE":1
					} //Sets FX60_0 Output 3 to 1
						Gets or sets FX60 ouput at [index] to [value].
						[address] should be in the range 0-1 (low or high)
						[index] should be in the range 0-7 (8 outputs)
						[value] should be in the range 0-1 (off or on)

FX60 Input	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"FX60_[address]_INPUT",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Prop to Node-RED
					"DIRECTION":"FROM",
					"TYPE":"FX60_1_INPUT",
					"INDEX":0,
					"VALUE":1
					} //FX60_1 Input 0 was changed to 1
						Gets or sets FX60 input at [index] to [value].
						[address] should be in the range 0-1 (low or high)
						[index] should be in the range 0-7 (8 inputs)
						[value] should be in the range 0-1 (off or on)

FX60 Relay	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":["TO"/"FROM"],
			"TYPE":"FX60_[address]_RELAY",
			"INDEX":[index],
			"VALUE":[value]
			}
				/myChannel/myProp/	{ //From Node-RED to Prop
					"DIRECTION":"TO",
					"TYPE":"FX60_1_RELAY",
					"INDEX":0,
					"VALUE":1
					} //Turns FX60_1 Relay 0 on
						Gets or sets FX60 relay at [index] to [value].
						[address] should be in the range 0-1 (low or high)
						[index] should be in the range 0-1 (2 relays)
						[value] should be in the range 0-1 (off or on)

RFID Tags	/[ChannelName]/[PropName]/	TX	{
			"DIRECTION":"FROM",
			"TYPE":"RFID",
			"VALUE":[array]
			}
				/myChannel/myProp/	{ //From Prop to Node-RED
					"DIRECTION":"FROM",
					"TYPE":"RFID",
					"VALUE":[000000007F7F","NONE","NONE"]
					} //Tag present at RFID location 0.
						Broadcasts RFID state changes. Value is an array of strings listing
						detected RFIDs or "NONE" if no tag is present. Indexing starts from 0.
						Array length is determined by preprogrammed RFID count.

Solved	/[ChannelName]/[PropName]/	TX/RX	{
			"DIRECTION":"FROM",
			"TYPE":"GAMESTATE",
			"VALUE":[value]
			}
				/myChannel/myProp/	{//From Prop to Node-RED
					"DIRECTION":"FROM",
					"TYPE":"GAMESTATE",
					"VALUE":1
					}//Game has been solved
						Gets or sets solved state.
						[value] should be in the range 0-1 (unsolved or solved)