

# Igor® Network Communication Port Requirements

This document defines the operation and maintenance network port requirements for communication between the Igor Nodes and the Igor Gateway.

## Igor Gateway Software Ports

Version 1.12.1 and Higher

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
80	69	80	69
88	1050	88	1050
1900	1900	443	1900
1901	1901	1900	1901
--	5683	1901	5683
--	50195	--	50195
--	50196	--	50196
--	50197	--	50197
--	50198	--	50198
--	50199	--	50199

Legend

PORT	DESCRIPTION
69	TFTP
80	HTTP
88	Configuration
443	HTTPS
1050	Firmware Updating
1900	UPnP
1901	UPnP
5683	CoAP
50195	Firmware Updating
50196	Firmware Updating
50197	Firmware Updating
50198	Firmware Updating
50199	Firmware Updating

## Igor Firmware Network Communication Port Requirements

Version 3.1.0 and Higher

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
80	69	80	69
88	1050	88	1050
1900	1900	1900	1900
1901	1901	1901	1901
--	5683	--	5683
--	50195	--	50195
--	50196	--	50196
--	50197	--	50197
--	50198	--	50198
--	50199	--	50199

Legend

PORT	DESCRIPTION
69	TFTP
80	HTTP
88	Configuration
1050	Firmware Updating
1900	UPnP
1901	UPnP
5683	CoAP
50195	Firmware Updating
50196	Firmware Updating
50197	Firmware Updating
50198	Firmware Updating
50199	Firmware Updating

## Igor BACnet Service Communication Port Requirements

Version 1.0.0 and Higher

Ports required for 3rd party BACnet/IP Systems to communicate with the Igor Gateway:

**Legend:** Port 47808 (BACnet/IP); Port 80 (HTTP)

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
--	47808	80	47808

## Gateway Antivirus Software Exclusion List

**Important:** To ensure proper Igor Gateway operation, add the following antivirus software path and process exclusions:

Antivirus Software Exclusion Requirements	
<b>Path exclusions:</b>	<ul style="list-style-type: none"><li>• C:\Igor\Data</li><li>• C:\Igor\Sampling</li></ul>
<b>Process exclusions:</b>	<ul style="list-style-type: none"><li>• C:\Igor\BACnet\Igor.Bacnet.Service.exe</li><li>• C:\Igor\Cloud\Igor.Cloud.Service.exe</li><li>• C:\Igor\EmergencyLighting\Igor.EmergencyLighting.Service.exe</li><li>• C:\Igor\Management\Igor.Management.Service.exe</li><li>• C:\Igor\Sampling\Igor.Sampling.Service.exe</li><li>• C:\Igor\Runtime\Igor.Runtime.Service.exe</li><li>• C:\Igor\UPnP\Igor.Upnp.Service.exe</li></ul>

END.