



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 server and provides the required Gateway antivirus software path and process exclusions.

ALSO SEE: The latest version of *ID-3110 Igor Nexos Solutions Requirements Guide*, which includes these requirements, along with System and Device/Node requirements.

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Igor Gateway Software Port Requirements

Software Versions 1.12.1 Through 4.5.3

(With version 4.0.0, Wall Controls replaced the Dimmer and Switch device types.)

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
--	--	--	50201
--	50202	--	50202

Software Versions 5.0.0 and Higher

(UPNP protocol no longer supported; Actuator device type added; CoAP no longer supports legacy Dimmer and Switch device types.)

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
80	69	80	69
88	1050	88	1050
443	--	443	--
8080	--	8080	--
8081	--	8081	--
--	5683	--	5683
--	50195	--	50195
--	50196	--	50196
--	50197	--	50197
--	50198	--	50198
--	50199	--	50199
--	--	--	50201
--	50202	--	50202

Legend

PORT	DESCRIPTION
69	TFTP
80	HTTP (API)
88	Configuration
443	HTTPS
8080	HTTP
8081	HTTPS (API)
1050	Firmware Updating
1900	UPnP
1901	UPnP
5683	CoAP
50195	Firmware Updating
50196	Firmware Updating
50197	Firmware Updating
50198	Firmware Updating
50199	Firmware Updating
50201	CoAP Emergency
50202	Sampling Service

Igor Node Firmware Port Requirements

Firmware Versions 4.0.0 Through 5.0.2

(For use with Igor Gateway software versions 3.1.0 through 4.5.3.)

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
80	69	80	69
88	1050	88	1050
1901	1901	1900	1901
--	5683	1901	5683
--	50195	--	50195
--	50196	--	50196
--	50197	--	50197
--	50198	--	50198
--	50199	--	50199
--	50201	--	--

Firmware Versions 6.0.0 and Higher

(For use with Igor Gateway software versions 5.0.0 and higher. UPNP protocol no longer supported.)

INCOMING		OUTGOING	
TCP	UDP	TCP	UDP
80	69	80	69
88	1050	88	1050
--	5683	--	5683
--	50195	--	50195
--	50196	--	50196
--	50197	--	50197
--	50198	--	50198
--	50199	--	50199
--	50201	--	--
--	--	--	50202

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
50201	CoAP Emergency
50202	Sampling Service

Igor BACnet Service Port Requirements

For Use with Gateway Software Versions 1.0.0 and Higher

Ports required for third-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

Igor Gateway Antivirus Software Exclusion Requirements

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

Important: The *BACnet Service process exclusions* below are only required when a third-party BACnet/IP System is communicating with the Igor Gateway.

Software Versions 1.12.1 through 4.5.3

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

Software Versions 5.0.0 and Higher

Antivirus Software Exclusion Requirements	
Path exclusions:	<ul style="list-style-type: none">• C:\Igor• C:\Igor\Data• C:\Igor\Sampling
Process exclusions:	<ul style="list-style-type: none">• C:\Program Files (x86)\Igor\Igor BACnet Service\Igor.Bacnet.Service.exe• C:\Igor\Admin\Igor.Gateway.Admin.Service.exe• C:\Igor\Cloud\Igor.Gateway.Cloud.Service.exe• C:\Igor\Coap\Igor.Gateway.Coap.Service.exe• C:\Igor\EmergencyLighting\Igor.Gateway.EmergencyLighting.Service.exe• C:\Igor\Management\Igor.Gateway.Management.Service.exe• C:\Igor\Runtime\Igor.Gateway.Runtime.Service.exe• C:\Igor\Sampling\Igor.Gateway.Sampling.Service.exe

Who to Contact

Igor Support Services

If you need technical assistance, please contact Igor Support Services. Our Support Services phone line is staffed from 7:00 A.M. to 5:00 P.M. Central time, Monday through Friday, except for U.S. holidays. If arranged in advance, we can have an engineer available during local business hours.

Phone: 515-661-4412 | 1-877-588-2650

Email: support@igor-tech.com

Inquiries

For other inquiries, please contact us here:

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