Allowing Computer IP number through Windows Firewall

Windows inherent Firewall filters incoming network traffic to help block unwanted network connections. Optionally, the Windows Firewall can also filter outgoing traffic to help limit the risk of malware. Although Windows Firewall default settings work well with components built into the operating system, they might prevent other applications from functioning correctly. Xitron has included this technote as a way for troubleshooting Client connection issues for both our Navigator GPS/Elite and Sierra workflow products. We are using Windows 10 Pro for our directions. Older operating systems or server editions may differ.

Control Panel + Air con			Search Combol Panel		
Adjust your computer's settings			View by: Small icons 🔻		
P Action Center	dministrative Tools	AutoPlay	🛞 Backup and Restore		
💶 Color Management	Credential Manager	📸 Date and Time	🗑 Default Programs		
📑 Desktop Gadgets	🚔 Device Manager	Devices and Printers	🔤 Display		
Ease of Access Center	🖌 Flash Player (32-bit)	Folder Options	Fonts		
📲 Getting Started	🍓 HomeGroup	🚑 Indexing Options	😥 Intel® Rapid Storage Technology		
🔁 Internet Options	🍰 Java (32-bit)	Keyboard	Location and Other Sensors		
🐊 Mail (32-bit)	J Mouse	Network and Sharing Center	🛄 Notification Area Icons		
Performance Information and Tools	Zersonalization	📰 Phone and Modem	Power Options		
Programs and Features	🔊 Realtek HD Audio Manager	P Recovery	🧬 Region and Language		
🐻 RemoteApp and Desktop Connections	🛋 Sound	Speech Recognition	Sync Center		
🛂 System	📕 Taskbar and Start Menu	Troubleshooting	See Accounts		
💐 Windows Anytime Upgrade	📑 Windows CardSpace	iiii Windows Defender	Windows Firewall		
Twindows Update					

Step 1: Open Windows Control Panel -Double-click Windows Firewall

Step 2: Double-click Advanced Settings

Control Panel 🕨	All Control Panel Items Windows Firewall		- 44	Search Control Panel	
Control Panel Home	Help protect your computer with Wi	ndows Firewall			
Allow a program or feature through Windows Firewall	Windows Firewall can help prevent hackers or m through the Internet or a network.	nalicious software from gaining access to your cor	nputer		
Change notification settings	How does a firewall help protect my computer?				
Turn Windows Firewall on or	What are network locations?				
off Restore defaults	🛛 🥑 Home or work (private) netv	vorks Conn	ected		
Advanced settings	Networks at home or work where you know an	d trust the people and devices on the network			
Troubleshoot my network	Windows Firewall state:	On			
	Incoming connections:	Block all connections to programs that are list of allowed programs	not on	the	
	Active home or work (private) networks:	📠 xitron.org			
	Notification state:	Notify me when Windows Firewall blocks a program	new		
	Public networks	Not Conn	ected	\odot	
See also					
Action Center					
Network and Sharing Center					

Step 3: Select Inbound Rules, then click New Rule.

windows Firewall with Advanced	I Security							
File Action View Help								
Þ 🧼 🛛 🛣 🔚 🗟 🖌 🖬								
Windows Firewall with Advance	Inbound Rules					Acti	ons	
Inbound Rules	Name	Group	Profile	Enabled	A ^	Inbo	ound Rules	
Connection Security Rules	Ocre SOAR Services		Private	Yes	A	23	New Rule	
Seal Monitoring	Ore SOAR Services		Private	Yes	AE	V	Filter by Profile	
	Interpreter and renderer for multiple PDLs		Private	Yes	Α		Eiltor by State	
	Interpreter and renderer for multiple PDLs		Private	Yes	A	-	The by state	
	Interpreter and renderer for multiple PDLs		Private	Yes	Α		Filter by Group	
	Interpreter and renderer for multiple PDLs		Private	Yes	Α		View	
	🕑 License Manager		Private	Yes	Α	a	Refrech	
	🕑 License Manager		Private	Yes	Α		Kenesii	
	Wavigator Server		Private	Yes	Α		Export List	
	Wavigator Server		Private	Yes	Α	?	Help	
	🐼 Navigator Server		Private	Yes	Α	-		
	Wavigator Server		Private	Yes	Α			
	Sentinel License Manager		Domai	Yes	Α			
	SOAR Control		Private	Yes	Α			
	SOAR Control		Private	Yes	Α			
	BranchCache Content Retrieval (HTTP-In)	BranchCache - Content Retr	All	No	Α			
	BranchCache Hosted Cache Server (HTT	BranchCache - Hosted Cach	All	No	A			
	BranchCache Peer Discovery (WSD-In)	BranchCache - Peer Discove	All	No	A			
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Domain	No	Α			
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Private	No	Α			
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Domain	No	Α			
	Connect to a Network Projector (WSD Ev.	Connect to a Network Proje	Private	No	Δ			
	Connect to a Network Projector (WSD Ev.	Connect to a Network Proje	Domain	No	Δ			
	Connect to a Network Projector (WSD Ev.	Connect to a Network Proje	Drivate	No	2			
	Connect to a Network Projector (WSD-In)	Connect to a Network Proje	All	No	~			
	Correctional Destination Unreacha	Core Networking		Ver	~			
	Core Networking - Destination Unreacha	Core Networking	All	Ver	~			
	Core Networking - Desunation Unreacha	Core Networking	All	Var	A			
	Core Networking - Dynamic Host Config	Core Networking	All	Ves	A			
	Core Networking - Dynamic Host Config	Core Networking	All	res	A			
	Core Networking - Internet Group Mana	Core Networking	All	Yes	AT			

Step 4: Select Custom Rule, click on Next.

Prev Inbound Rule Wizard	
Rule Type	
Select the type of firewall rule to c	reate.
Steps:	
Rule Type	What type of rule would you like to create?
 Program Protocol and Ports Scope Action Profile Name 	 Program Rule that controls connections for a program. Port Rule that controls connections for a TCP or UDP pot. Predefined: BranchCache - Content Retrieval (Uses HTTP) Rule that controls connections for a Windows experience. Custom Custom Custom rule.
	< Back Next > Cancel

Step 5: Select Scope

zard	>
addresses to which this rule applies.	
Which local IP addresses does this rule apply to?	
Any IP address	
O These IP addresses:	
	Add
	Edit
	Remove
Customize the interface types to which this rule applies:	Customize
Which meets IP addresses does this rule apply to?	Customize
	Add
	Edit
	Remove
< Back Ne	xt > Cancel
	addresses to which this rule applies. Which local IP addresses does this rule apply to? Any IP address These IP addresses: Customize the interface types to which this rule applies: Which remote IP addresses does this rule apply to? Any IP address These IP addresses: These IP addresses:

Step 6: Select These IP Addresses and Add

cope		
ecify the local and remote IP a	addresses to which this rule applies.	
eps:		
Rule Type		
Program	Which local IP addresses does this rule apply to?	
Protocol and Ports	Any IP address	
Scope	These IP addresses:	
Action		Add
Profile		Edit
Name		
		Remove
	Customize the interface types to which this rule applies:	Customize
	Which remote IP addresses does this rule apply to?	
	Any IP address	
	These IP addresses:	
		Add
		Edit
		Remove
	Leam more about specifying scope	

Step 7: Add the IP number or IP range you wish to allow through the Windows Firewall

Specify the I	P addresses to match: ddress or subnet:	
Example	s: 192.168.0.12 192.168.1.0/24 2002:9d3b:1a31:4:208:74ff.fe39:6c43 2002:9d3b:1a31:4:208:74ff.fe39:0/112 ddress.range:	
From:	uuress range.	
To:		
Learn more a	about specifying IP addresses	

Step 8: Make sure that the remote computer whose IP you allowed through the Windows Firewall's set to Static IP and not Dynamic IP. A Dynamic IP number changes at some point, which then revokes your privileges through the firewall.