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Frequently Asked Questions

How do I set a static IP address on my computer?

Background

To successfully connect with the DOAS unit controller, whether for WEBUI, or BACnet IP communication the IP address of the PC must be in the same range as the controller, without being identical to the controller. Every DOAS unit is shipped from the factory with the same default settings:

Default IP Address: **192.168.1.101** [Unit Controller] Default Subnet Mask: **255.255.255.0** [Unit Controller]

The suggested static IP settings for the computer communicating with a DOAS unit that has factory default settings are:

Suggested IP Address: **192.168.1.</mark>200** [PC] Suggested Subnet Mask: **255.255.255.0** [PC]

Some computers will automatically assign themselves an IP address that is within range, more often you will need to manually set your computers static IP Address to be within range.

Setting a Static IP

1. Press the Start/Windows icon



2. Select the Control Panel. When it opens, it will look like the image below. You will then need to choose "Network and Sharing Center".

All Control Panel Items – 🗆 X										
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Adjus	t your computer's settings							View by: Large ic	ons 🔻	
1	Administrative Tools	Ş	Autodesk Plot Style Manager		Autodesk Plotter	Mana	ger 🗾	AutoPlay		
2	Backup and Restore (Windows 7)	Bố	Bang & Olufsen Audio Control Panel	Ą	BitLocker Drive Er	ncrypt	ion 🛐	Color Managemen	t	
	Configuration Manager		Credential Manager	P	Date and Time			Default Programs		
	Device Manager		Devices and Printers	G	Ease of Access Ce	nter	F	File Explorer Optio	ns	
	File History	A	Fonts	C.	Goverlan Client Configuration		R	Indexing Options		
9	Intel® Graphics Settings	P:	Internet Options	(the second sec	Java (32-bit)		~	Keyboard		
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Ŷ	Speech Recognition	Ŷ	Storage Spaces	0	Sync Center		V	System		
*	Taskbar and Navigation		Troubleshooting	<u>8</u>	User Accounts		e	Windows Defender Firewall	F	
4	Windows Mobility Center		Work Folders							

3. In the Network and Sharing Center, you will need to select "Change adapter settings".

Network and S	Sharing Center						_	×
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Control Panel		View your basic network information and set up connections View your active networks						
settings	Change advanced sharing settings		greenops.comAccess type:IntDomain networkConnections:Image: Eth					
Media streami	Media streaming options Change your networking settings Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a router or access point. Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.							
See also Internet Optio Windows Defe						,		

4. Plug in the ethernet cable to your laptop and to the controller. You should see an adapter option that appears and disappears as you plug and unplug the cable from your computer. This will be the adapter for which you will adjust the static IP settings.



- 5. Right click on the adapter from Step 4 and select "Properties".
- 6. The properties window will open. Highlight Internet Protocol Version 4 (TCP/IPv4) and select "Properties".

This connection uses the following items:								
 Client for Microsoft Networks File and Printer Sharing for Microsoft Networks Pipeap Packet Driver (NPCAP) QoS Packet Scheduler Internet Protocol Version 4 (TCP/IPv4) Microsoft Network Adapter Multiplexor Protocol 								
✓ Microsoft LLDP Protocol Driver ✓								
< >								
Install Uninstall Properties Description								
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.								
OK Cancel								

 An IPv4 Properties window will pop up where you will enter a static IP address for your computer. If your unit's controller is at the factory default settings, you can enter the information shown below. Hit OK to save.

Internet Protocol Version 4 (TCP/IPv4) Properties								
General								
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.								
Obtain an IP address automatically								
• Use the following IP address:	• Use the following IP address:							
IP address:	192.168.1.200							
Subnet mask:	255.255.255.0							
Default gateway:								
Obtain DNS server address automatically								
• Use the following DNS server addresses:								
Preferred DNS server:								
Alternate DNS server:								
Validate settings upon exit Advanced								
	OK Cance	!						