

Technical Bulletin

Number	M036a
Subject	AE-C400E/EW-C50E
Date	13 May 2025

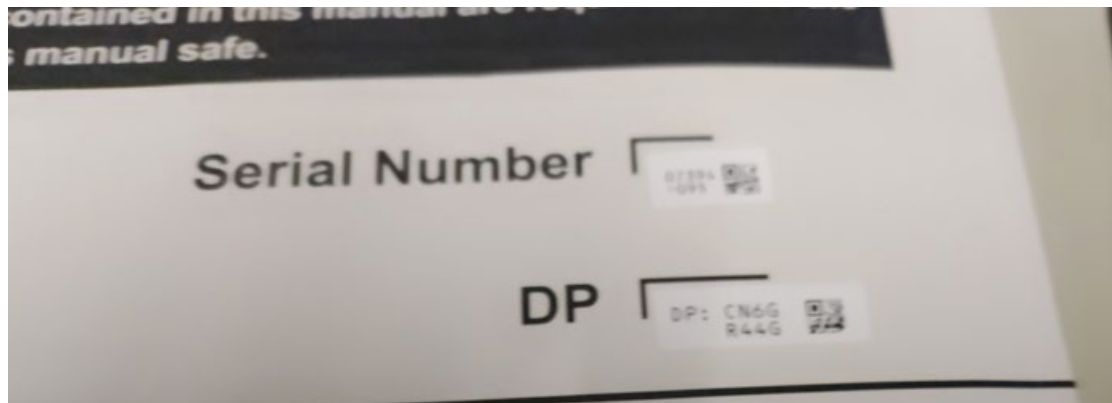
AE-C400E/EW-C50E

Please note that Mitsubishi Electric Central Controllers AE-200E-1/EW-50E-1 have now been replaced by AE-C400E/EW-C50E which cannot be set up via the touchscreen so it will be necessary to use the AE-C400 Initial Settings Tool and set up from a laptop via the LAN1 connection. Note that the controller comes with a USB which has the "Initial Setting Tool" software installed. You must install this first before proceeding with the following.

These controllers again **do not** support the generic Maintenance User "initial/init" username/password.

The default password is unique to each controller and can be found on the back cover of the installation manual so it is imperative to not dispose of the manual prior to setting up the controller.

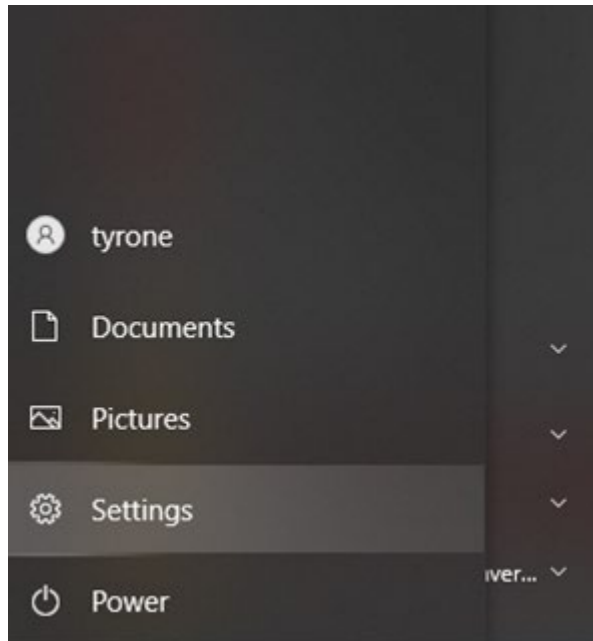
Below is an example of a default password:



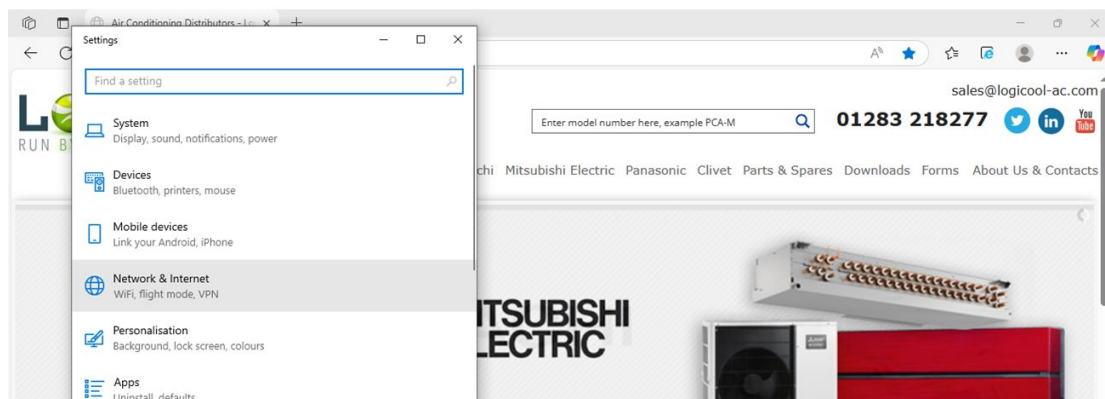
When entering the password you still type "initial" into the username (Tenant Manager – "admin" for Building Manager) and then type "Init" (first letter uppercase/next three letters lowercase) before the password (all uppercase) so, in the above example, the username is "initial" and the password is "InitCN6GR44G".

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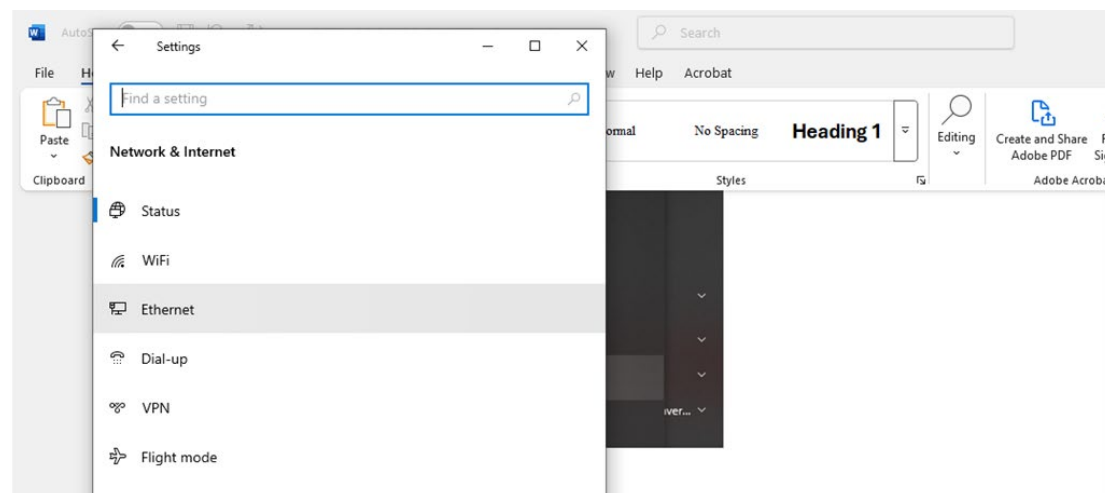
The first step is to ensure your laptop IP Address is within the same network range as the controller. To do this go to "Settings":



Then "Network & Internet":

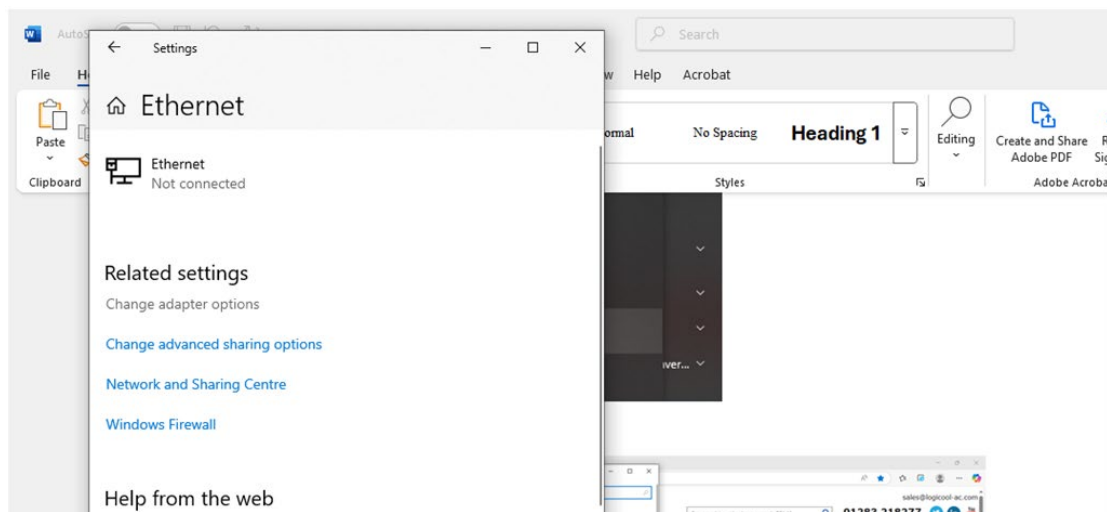


Then click "Ethernet":

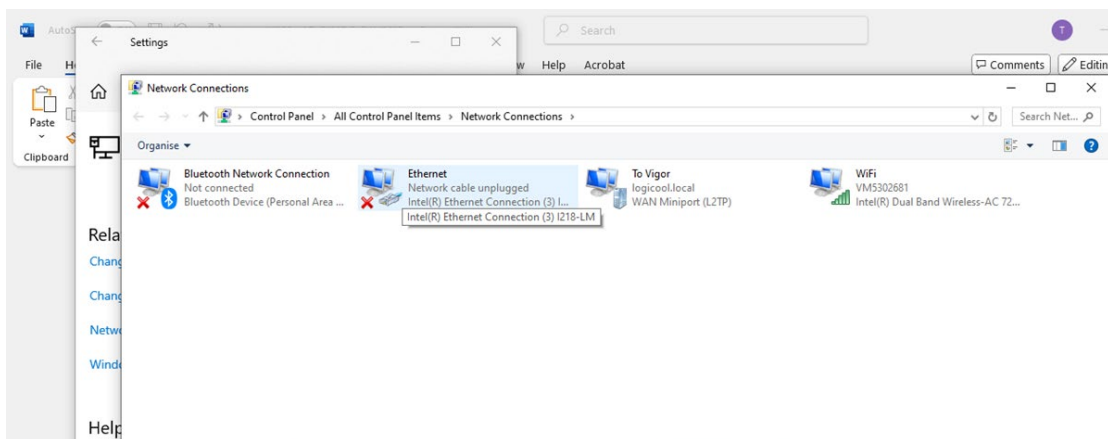


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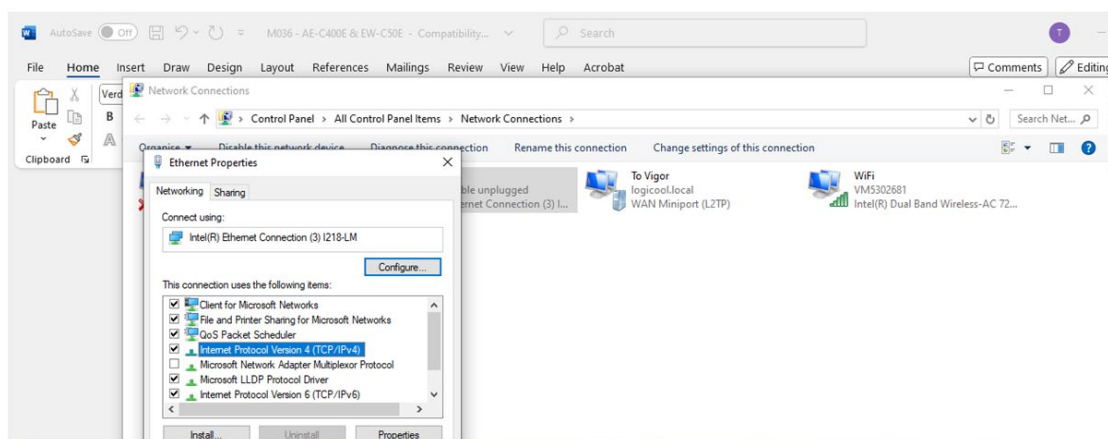
Then click "Change Adaptor Options":



Then double click "Ethernet":

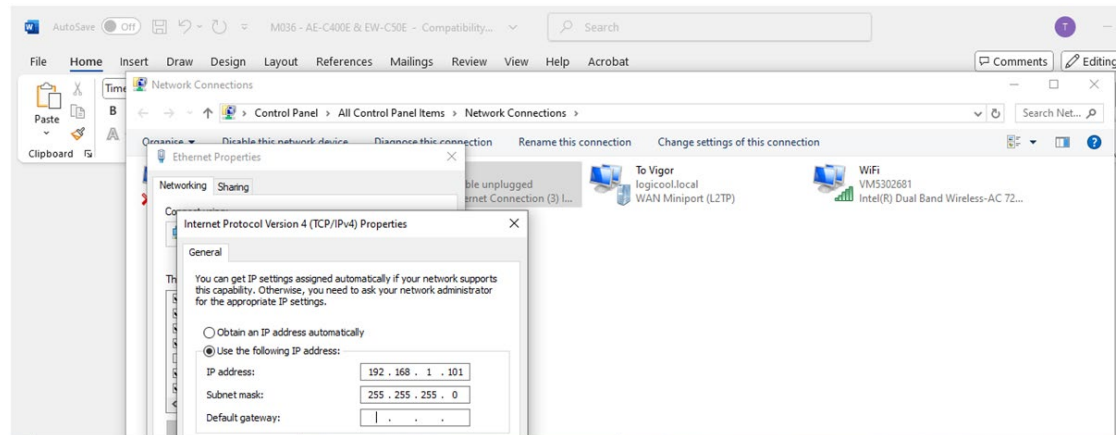


Highlight TCP/IPv4 and click properties:



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Change your IP Address to one that is higher and within the same range as the controller (for this instance I have used 192.168.1.101):

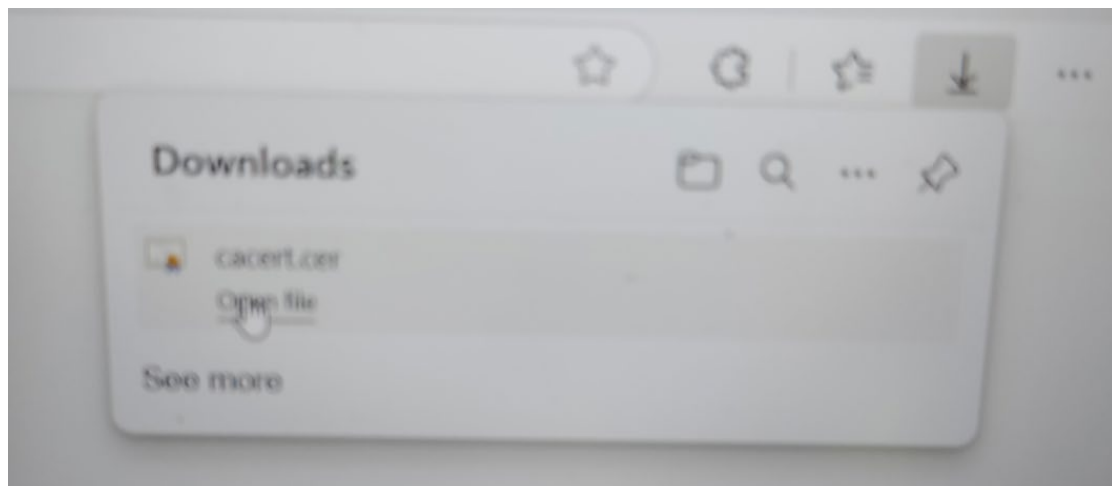


Click save and begin the following steps.

The second step is to connect your laptop to the LAN1 connection of the controller to download the security certificate of the controller.

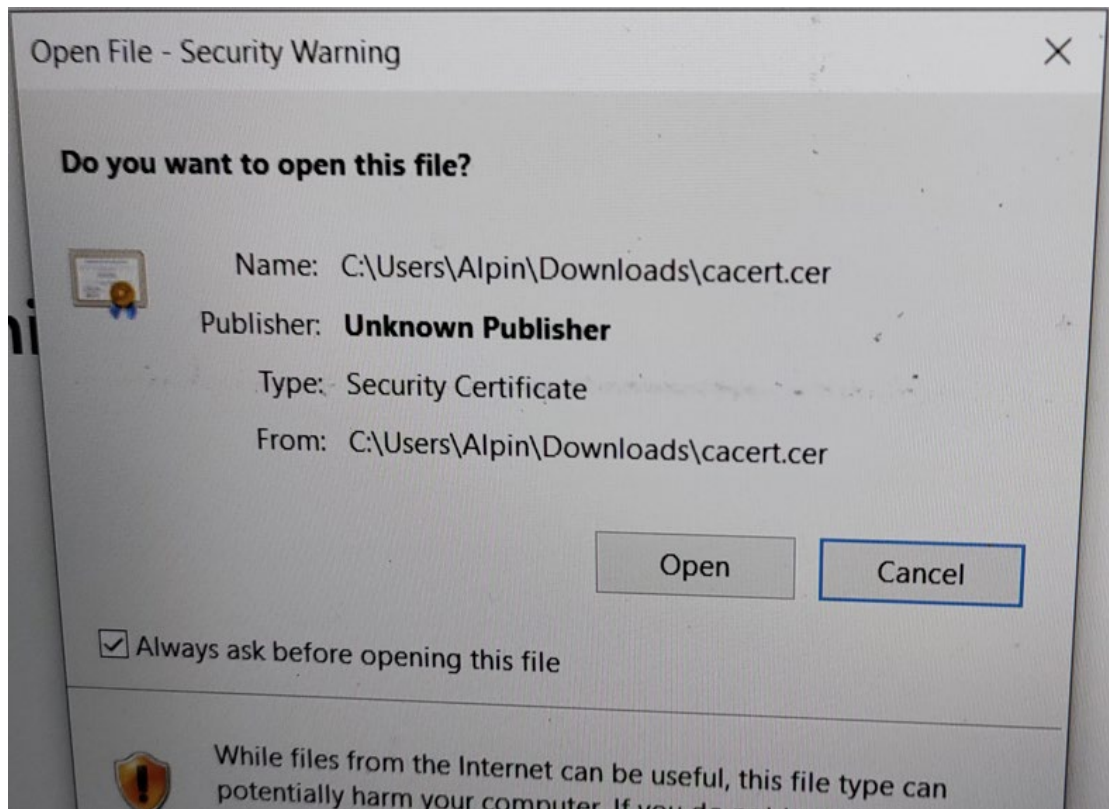
You achieve this via opening your webbrowser and typing in the IP address of the controller (the default IP address is 192.168.1.1) followed by :8008/cacert.**cer** so, this will be 192.168.1.1:8008/cacert.**cer**

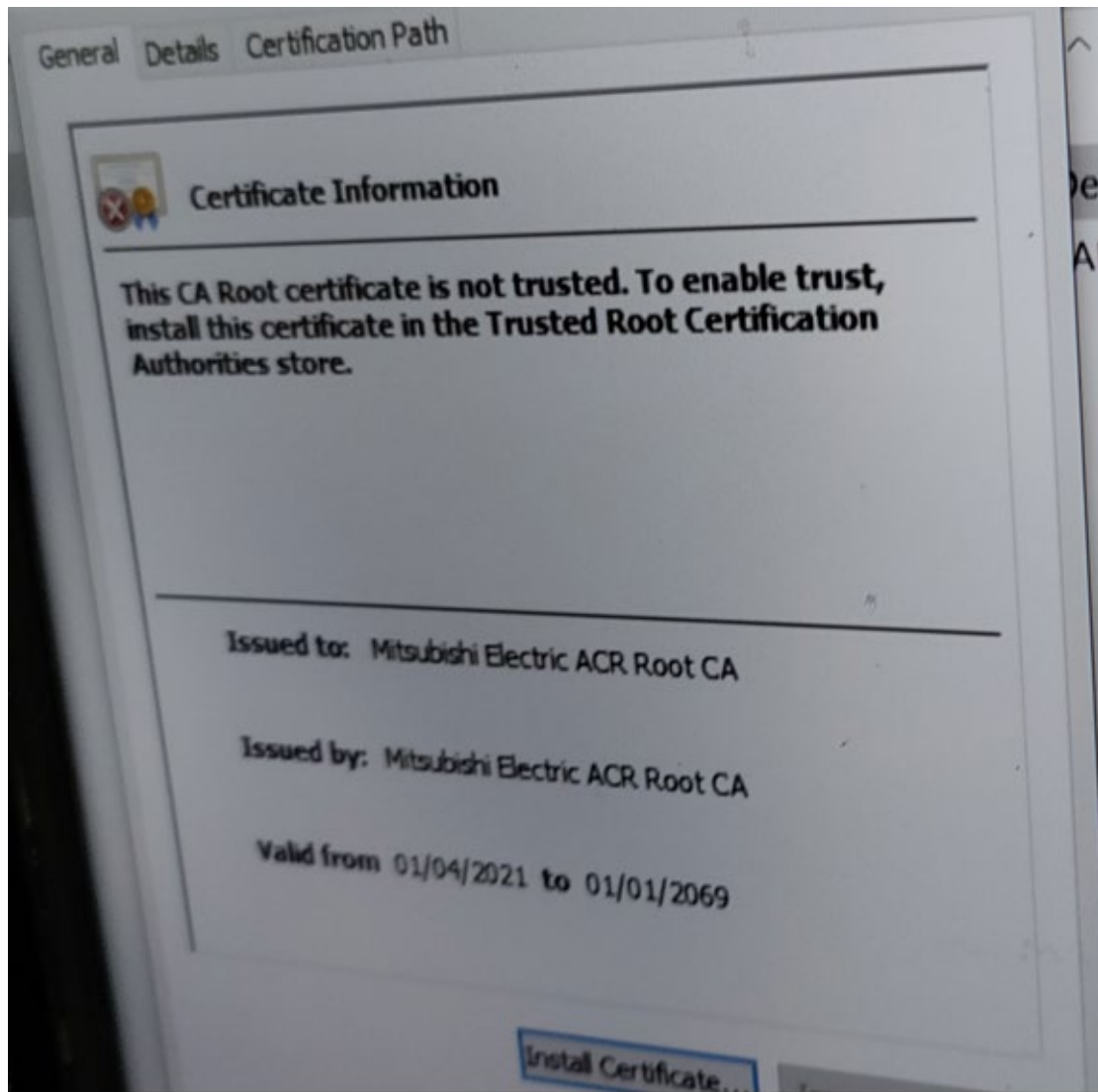
The certificate will be downloaded to the top right corner of the screen:



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Open the file and install into the Trusted Root Authorities Store on your laptop (basically follow the prompts as below):

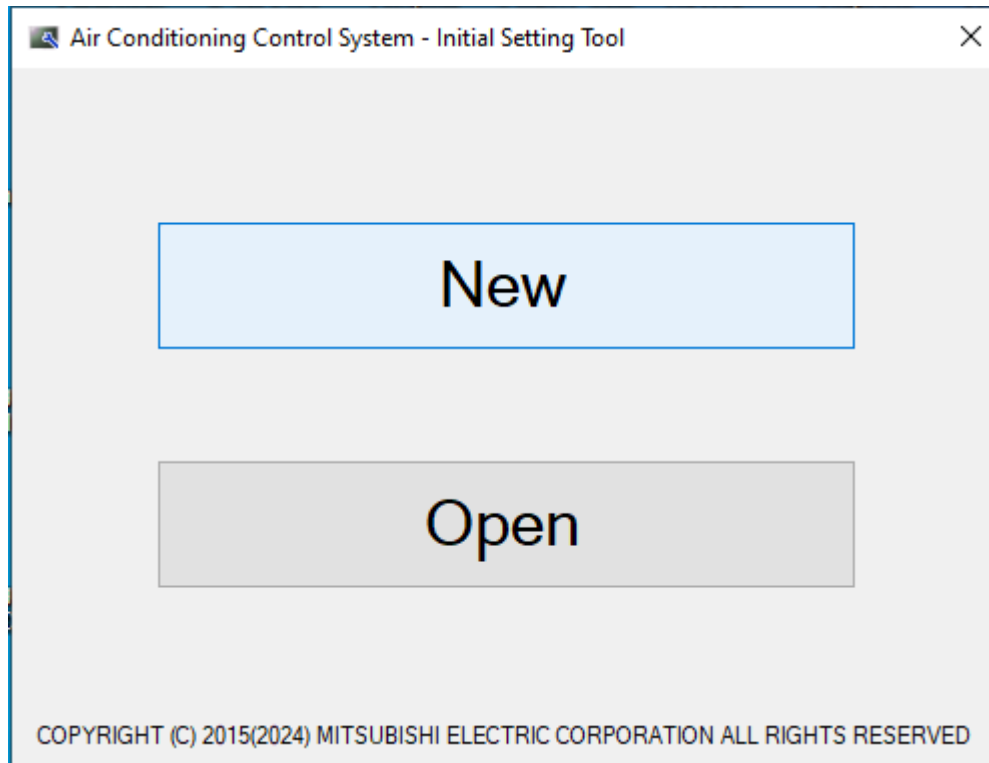




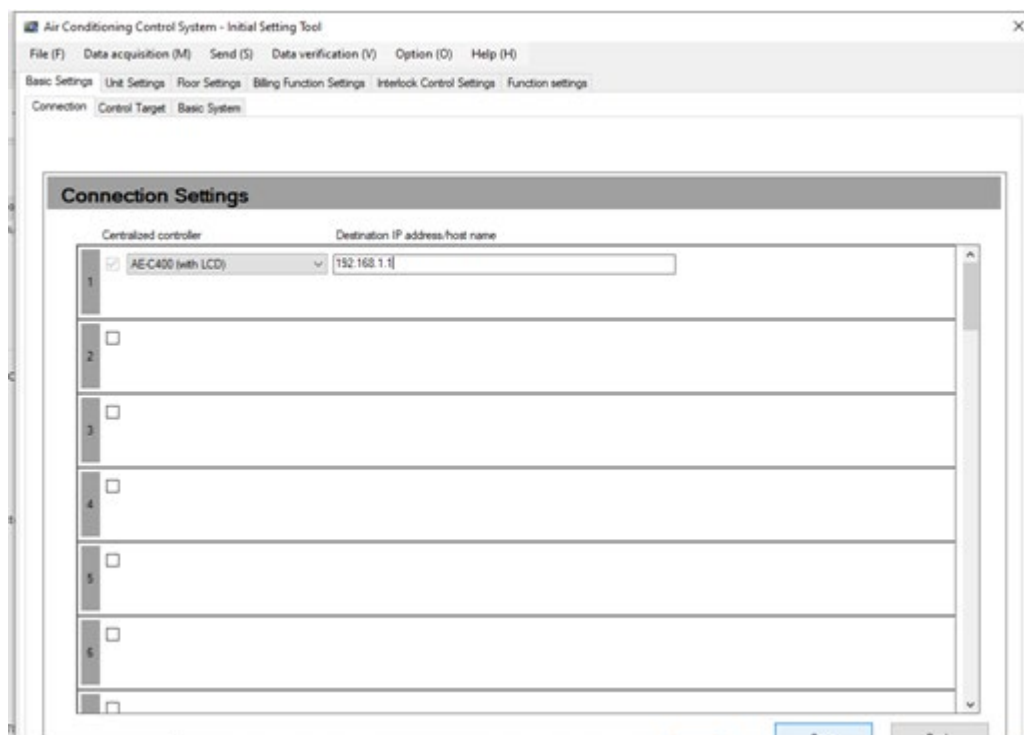
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You are now able to log into the AE-C400E via the Initial Settings Tool.

Open the settings tool and click "New"

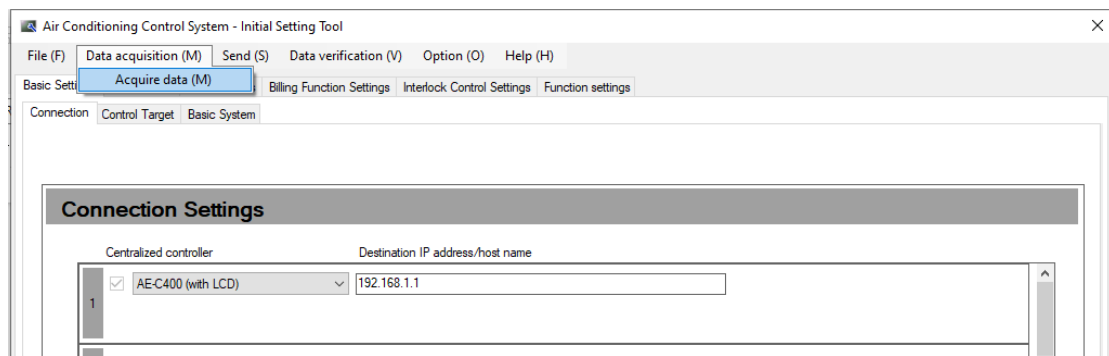


Then type in the IP Address of the controller and click "Save":

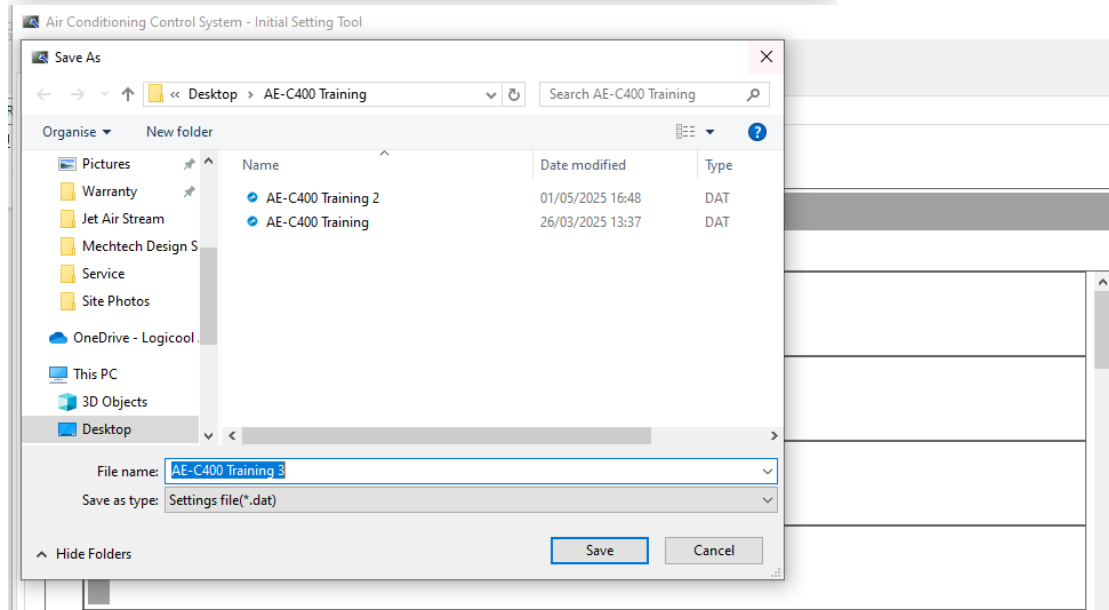
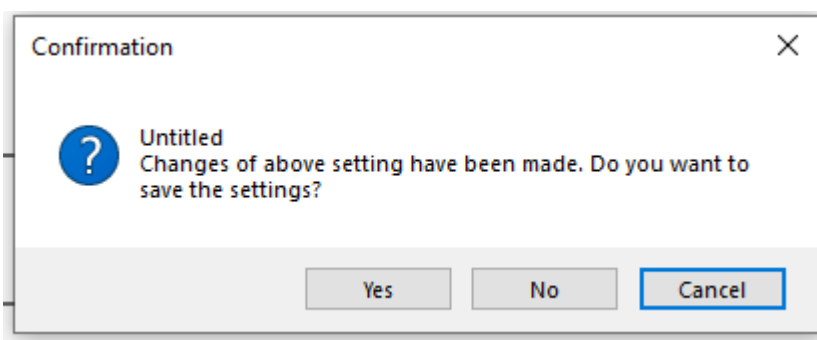


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Next go to “Data acquisition” and click “Acquire data”

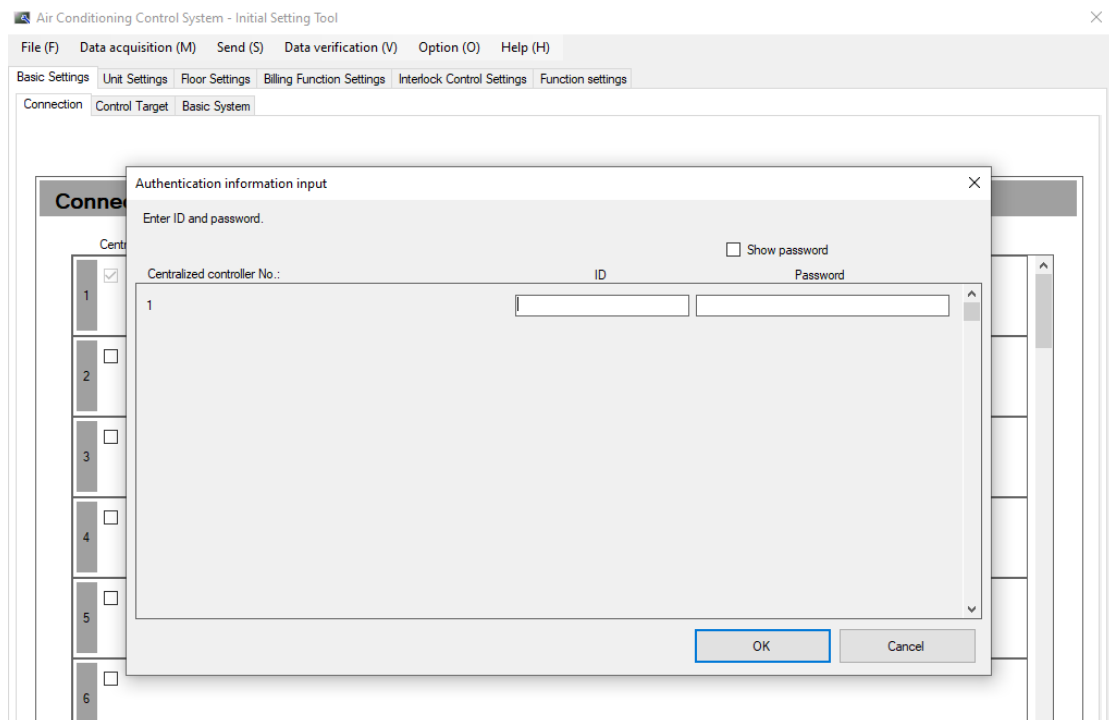


The tool will ask you if you wish to save the file, click yes and save a copy on your desktop.

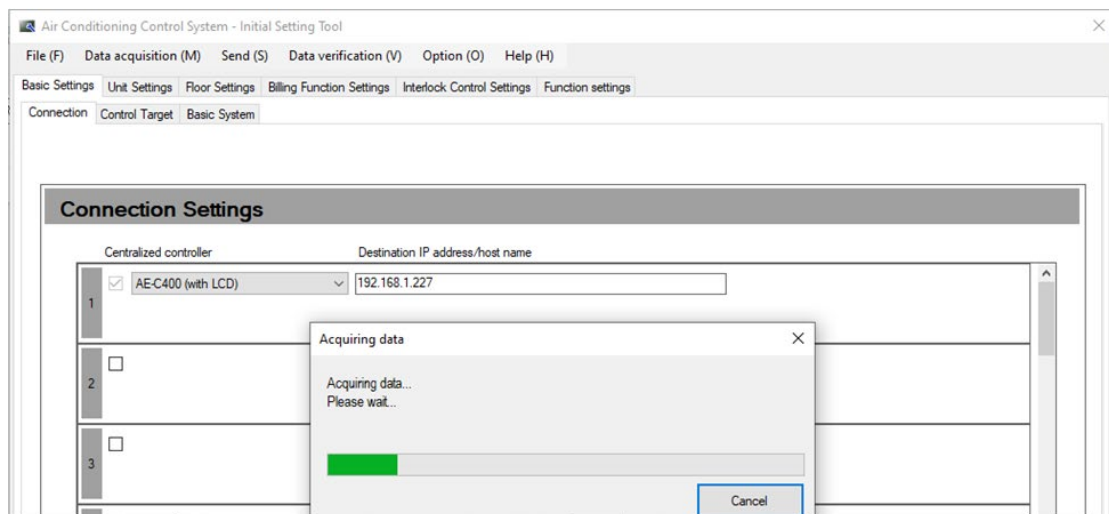


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The tool will ask for the Username and Password, these are as outlined at the beginning of this document:

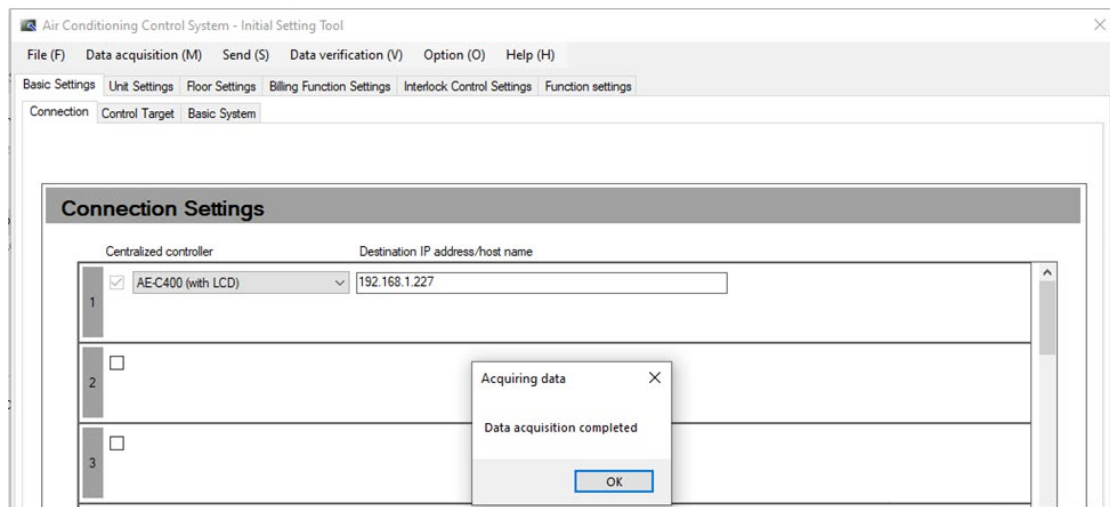


The tool will start to search for the controller settings:

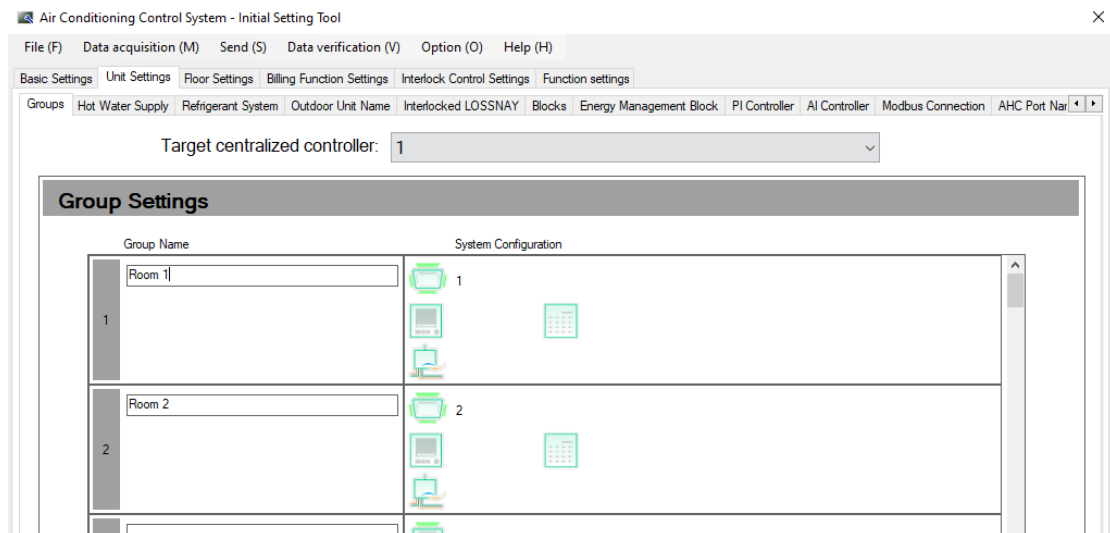


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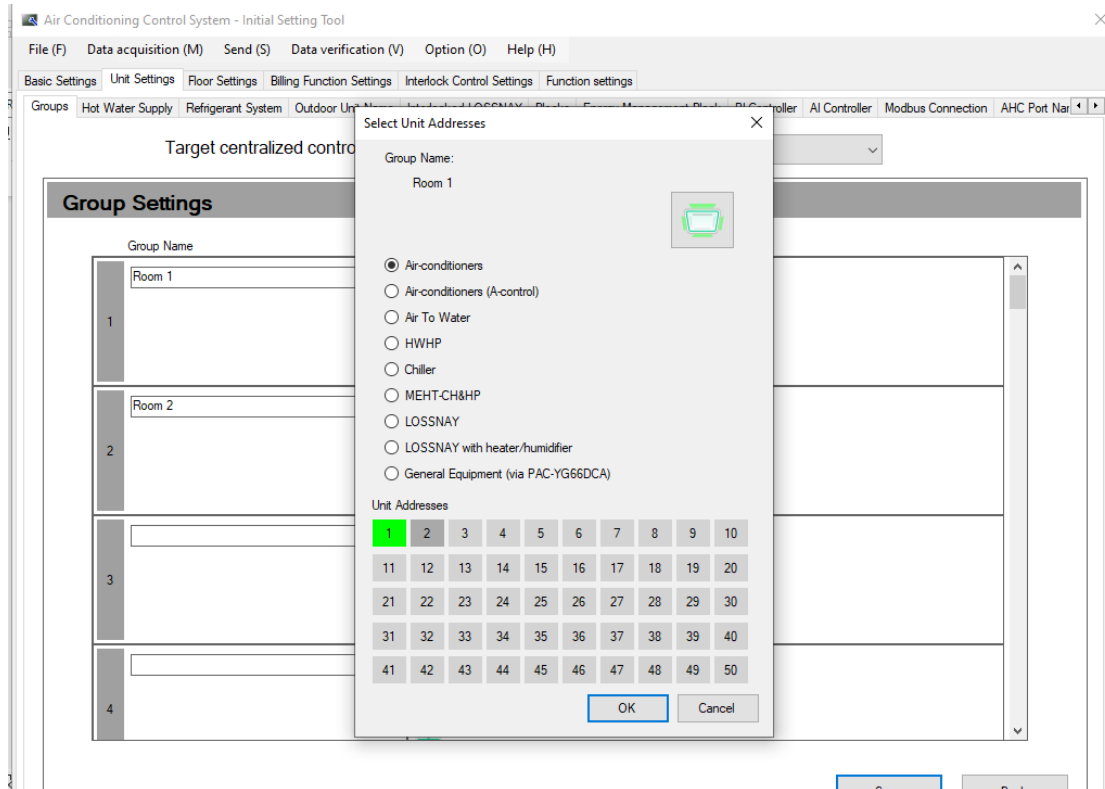
When finished the screen should look like this:



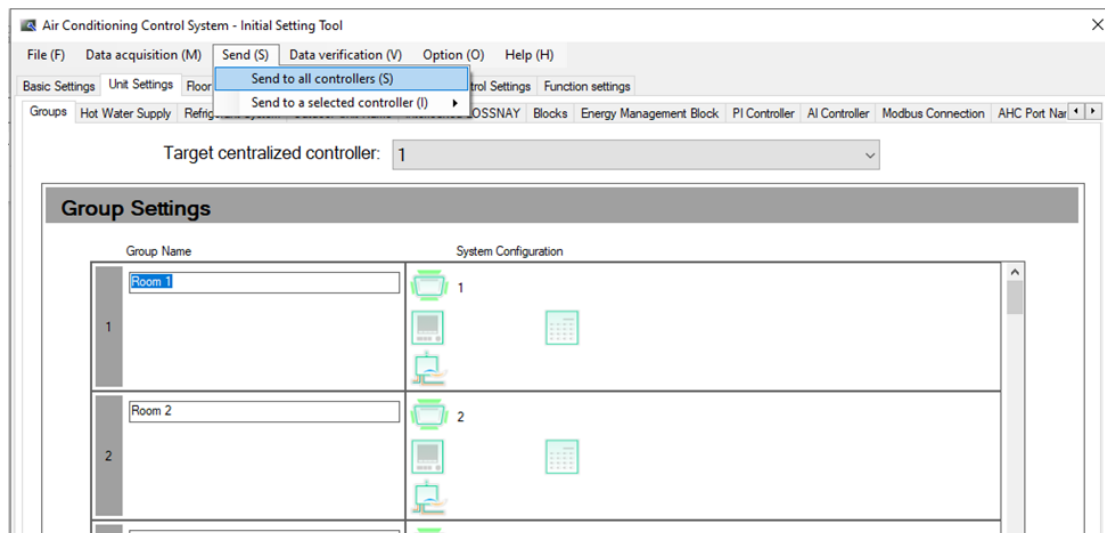
You are now ready to begin setting up the units on your controller. Go to Groups (Unit Settings) and add the unit type and MNET address as below:



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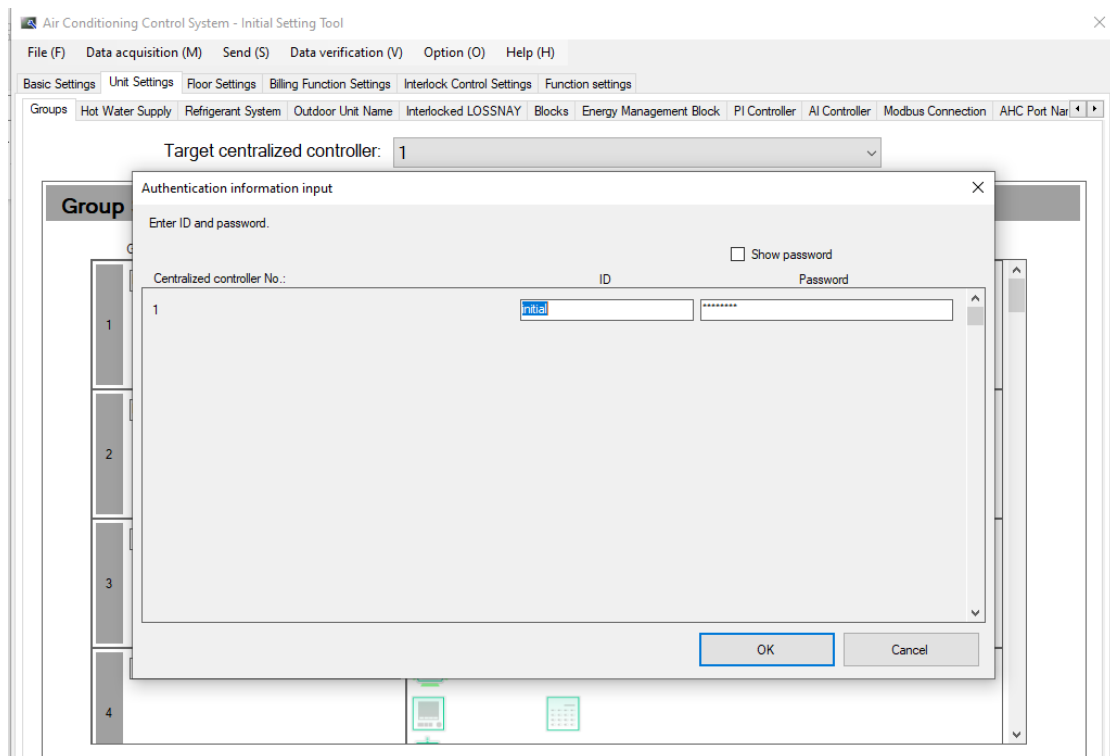


Click "Save" at the bottom of the screen as you input each Group to ensure you have saved all changes. When you are finished you will need to send the data to the controller. To do this you click "Send to all controllers":



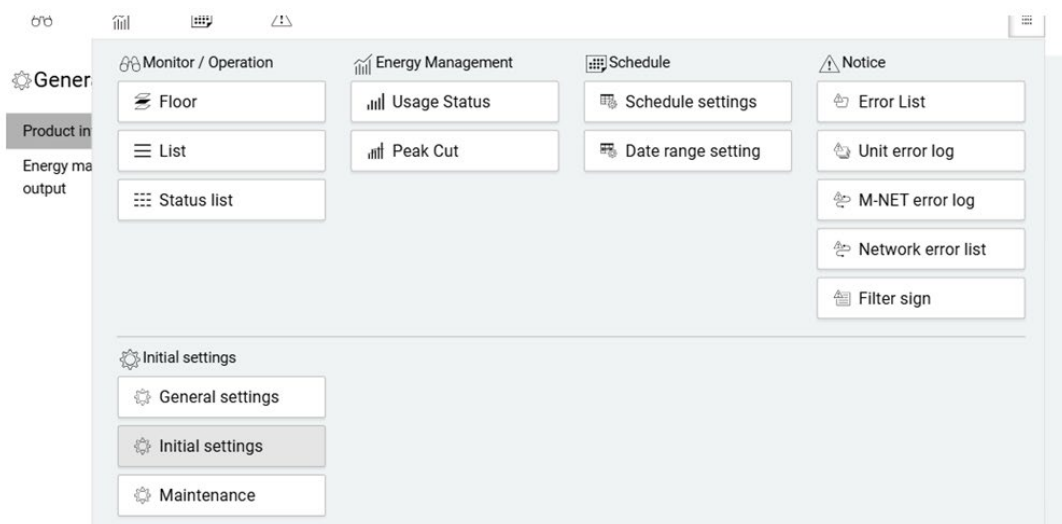
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You will be asked for the password once again, this is the same as before:



As the tool sends the data, you will see the units populate onto the screen and it will be ready for operation.

Date & Time settings can be changed either on screen or via your laptop (for laptop type <https://192.168.1.1/control> and login using Username & Password as above). To change these go to Initial Settings:



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Initial settings

Controller settings

Network settings

Hot Water Supply Settings

Controller settings

Select Controller SC01

Date and time12/05/2025 09:05:52

Time zone(Region)UTC

Time SynchronizationNo sync

Air-conditioner Settings

Test runOFF

browser settings

Error warningDisable

CancelSave

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IP Address (LAN1 & LAN2) can be changed in “Network Settings”.

Initial settings

Controller settings

Network settings

Hot Water Supply Settings

Network settings

Select Controller SC01

LAN1

Manual

IP address192.168.1.227

Subnet mask255.255.255.0

Gateway192.168.1.254

MAC address28E98E062152

DNSManual

Preferred DNS server

Alternate DNS server

LAN2

Manual

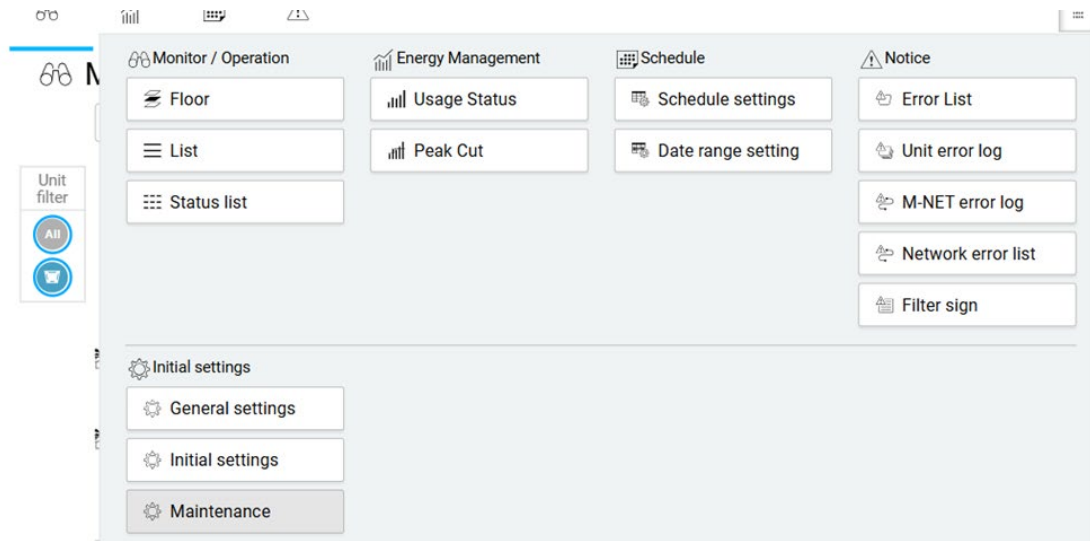
IP address192.168.2.1

CancelSave

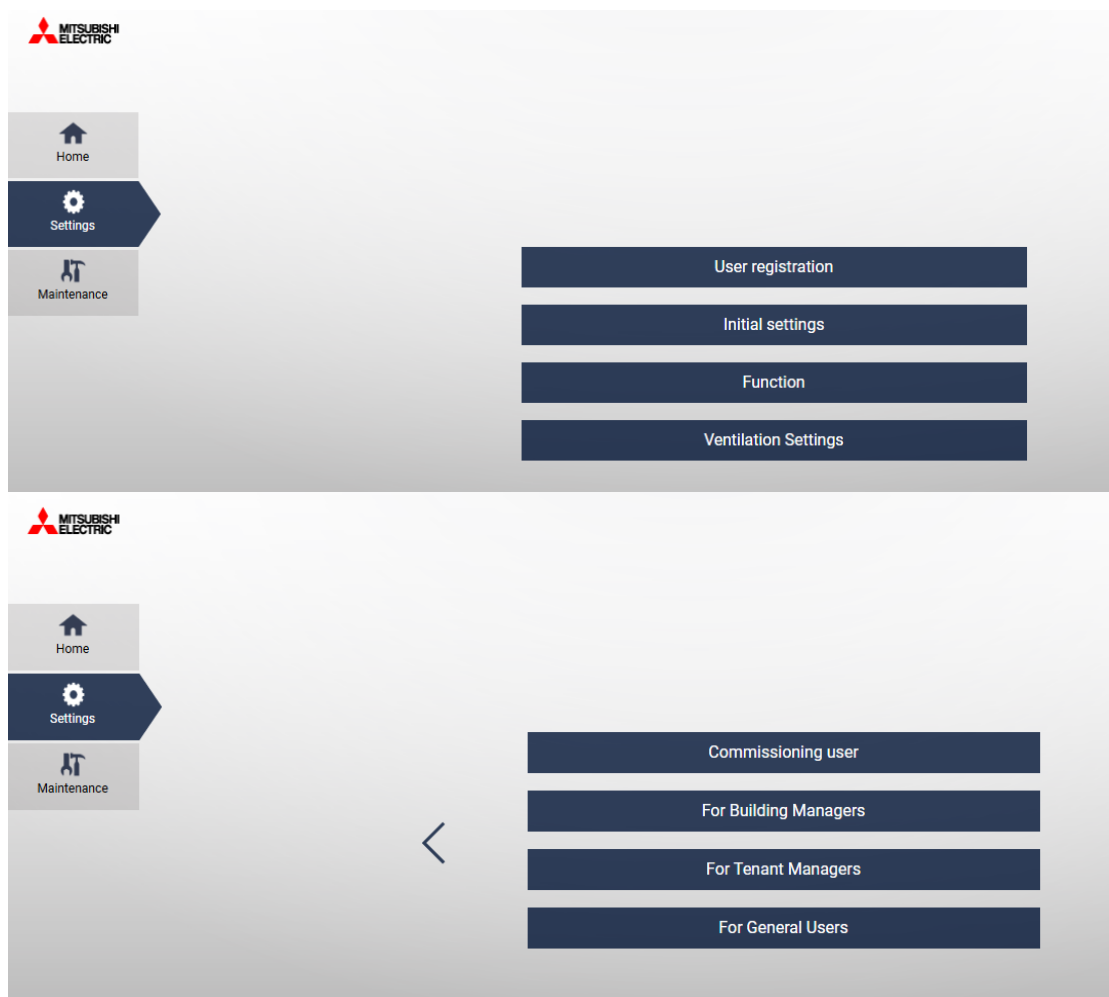
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The Username & Password can be changed in “Maintenance”:



Go to “User Registration” and change the various user settings to Usernames/Passwords of your own choice:



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When finished with all settings please ensure you return your laptop to automatic IP Address:

Internet Protocol Version 4 (TCP/IPv4) Properties

General Alternative Configuration

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:

IP address:

Subnet mask:

Default gateway:

☒ Obtain DNS server address automatically

☐ Use the following DNS server addresses:

Preferred DNS server:

Alternative DNS server:

☐ Validate settings upon exit

Advanced...

OK Cancel