

# Technical Bulletin

Number	M036
Subject	AE-C400E/EW-C50E
Date	13 May 2025

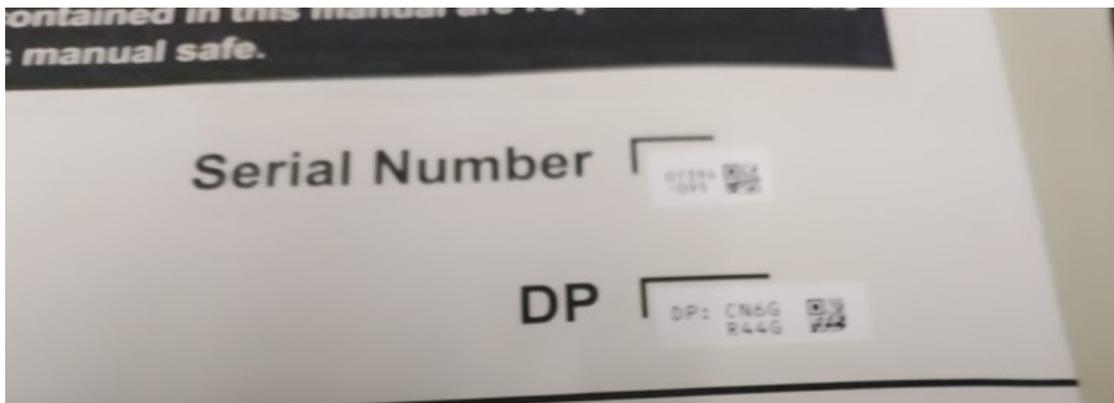
## *AE-C400E/EW-C50E*

Please note that Mitsubishi Electric Central Controllers AE-200E-1/EW-50E-1 have now been replaced by AE-C400E/EW-C50E which cannot be set up via the touchscreen so it will be necessary to use the AE-C400 Initial Settings Tool and set up from a laptop via the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.

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.

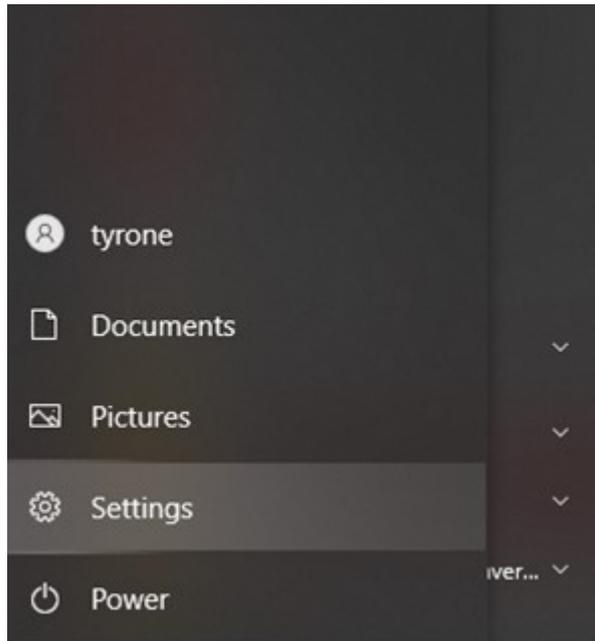
Below is an example of a default password:



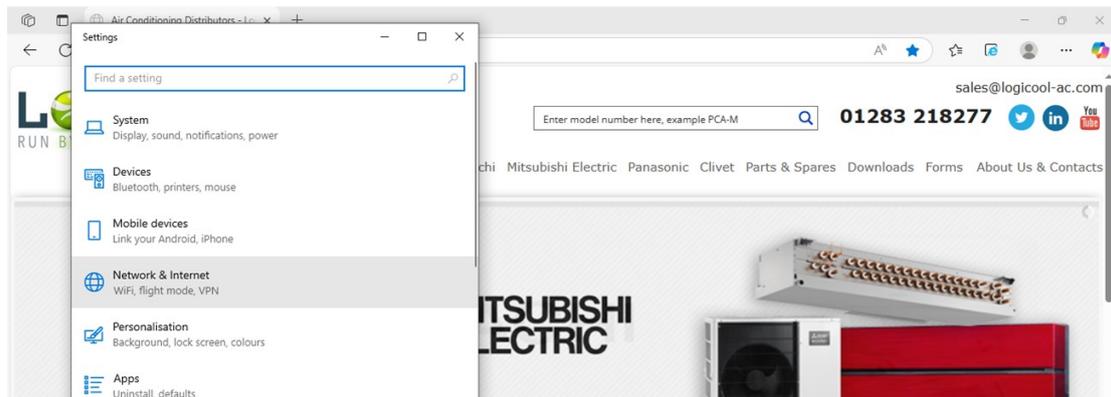
When entering the password you still type "initial" into the username (Tenant Manager - "admin" for Building Manager) and then type "Init" (first letter uppercase/next three letters lowercase) before the password (all uppercase) so, in the above example, the username is "initial" and the password is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

# Technical Bulletin

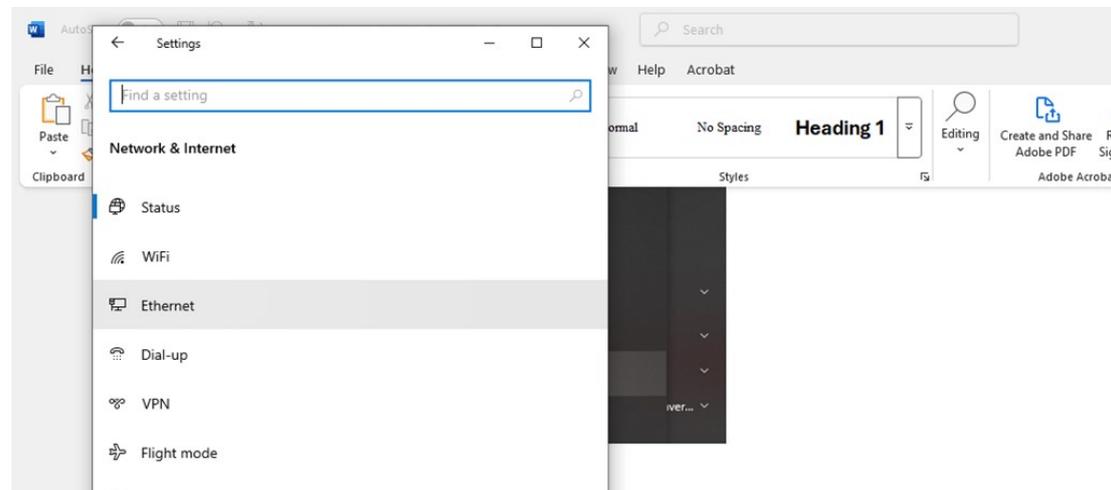
The first step is to ensure your laptop IP Address is within the same network range as the controller. To do this go to "Settings":



Then "Network & Internet":

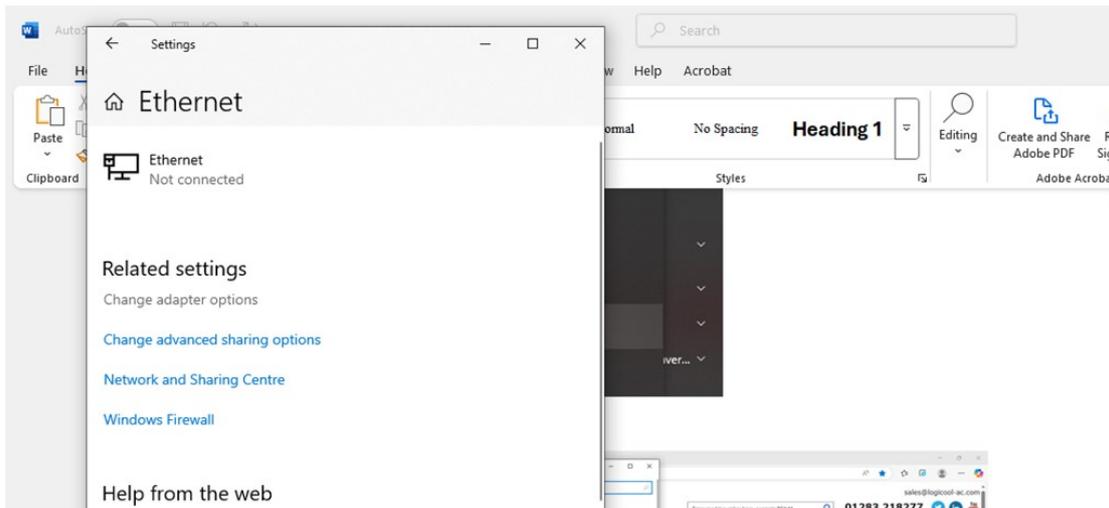


Then click "Ethernet":

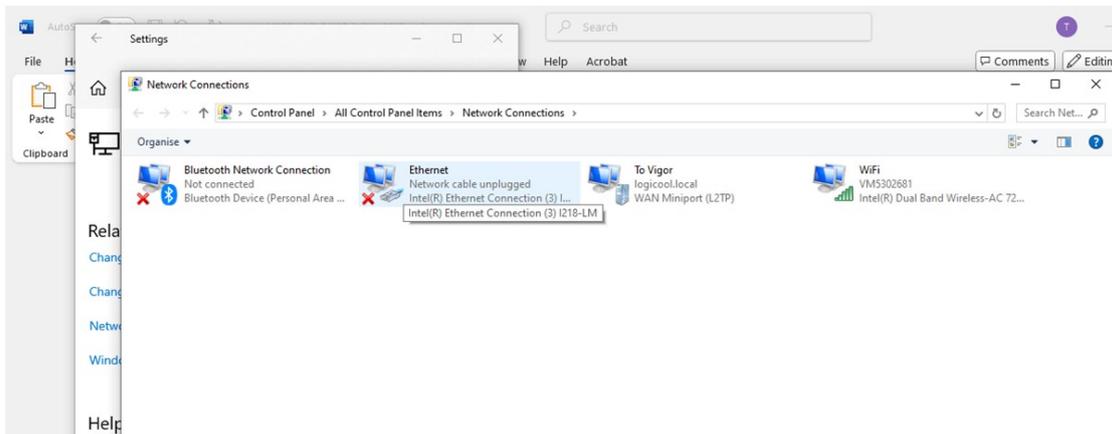


# Technical Bulletin

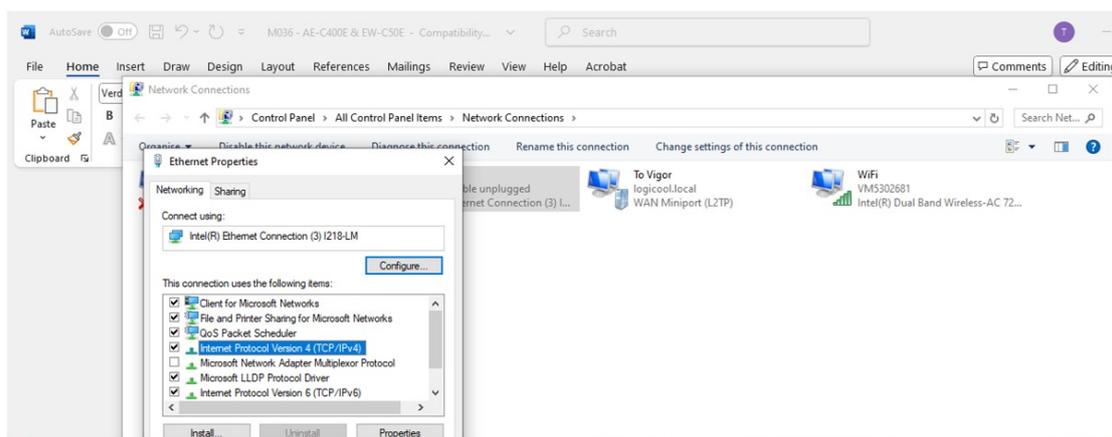
Then click "Change Adaptor Options":



Then double click "Ethernet":

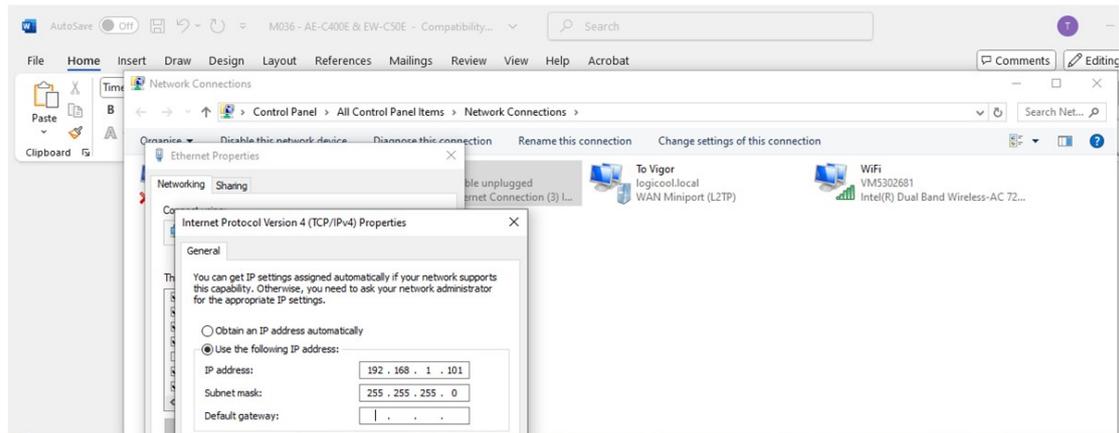


Highlight TCP/IPv4 and click properties:



# Technical Bulletin

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):

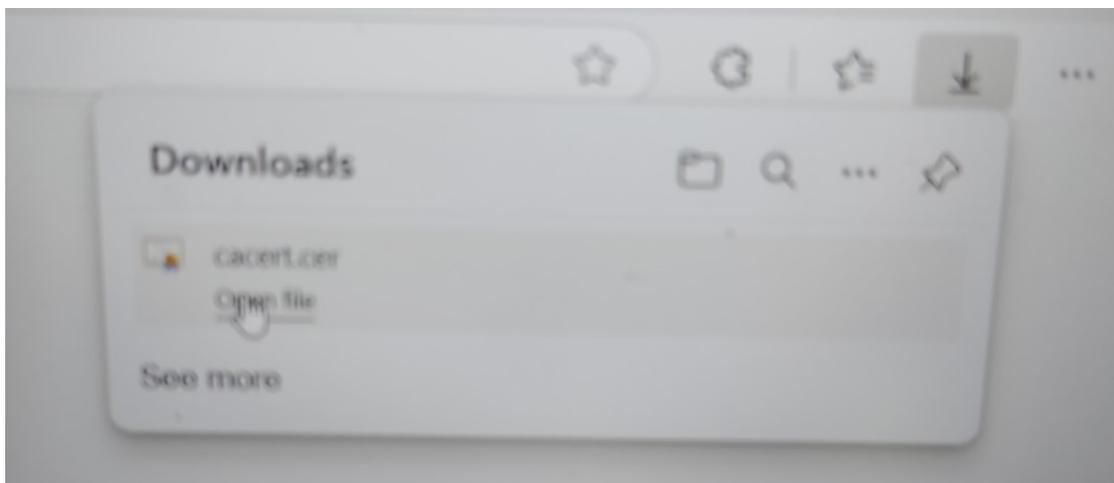


Click save and begin the following steps.

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

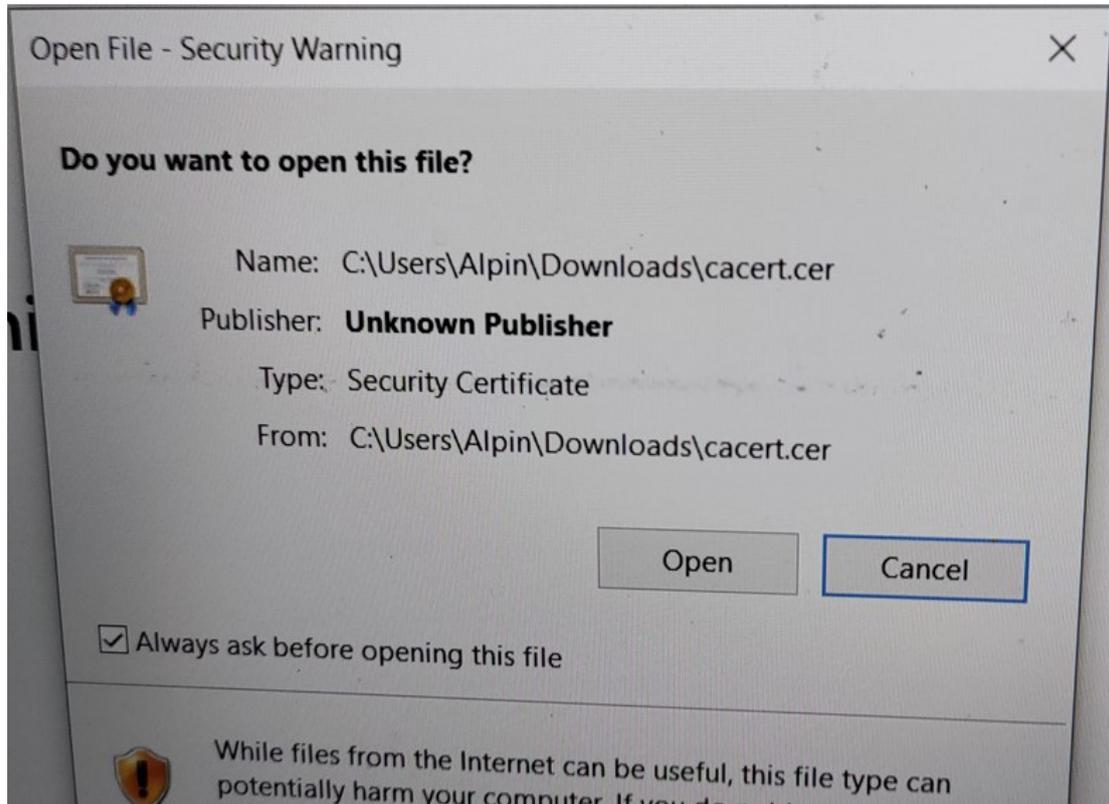
You achieve this via opening your webbrowser and typing in the IP address of the controller (the default IP address is 192.168.1.1) followed by :8008/cacert so, this will be 192.168.1.1:8008/cacert.

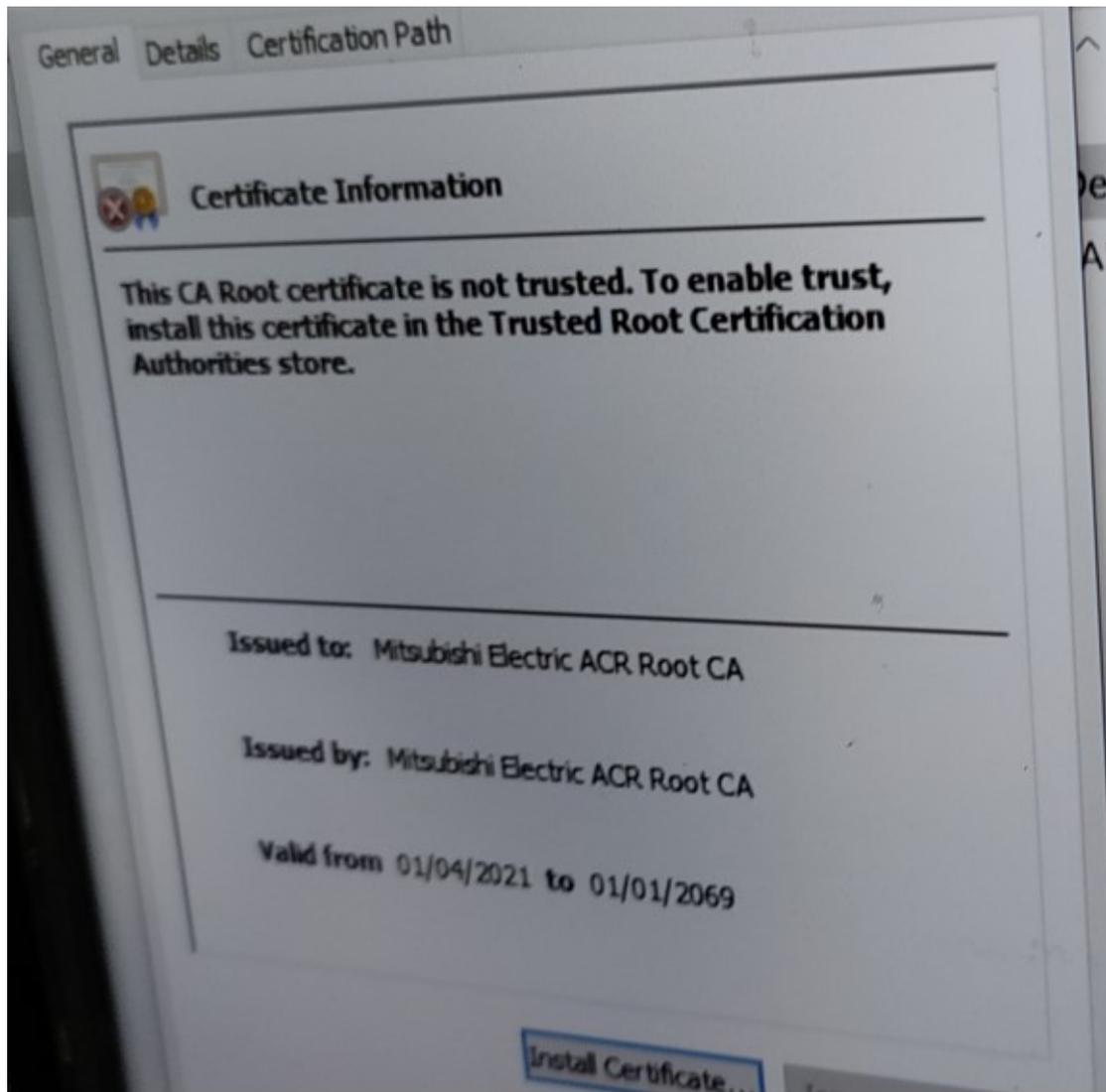
The certificate will be downloaded to the top right corner of the screen:



# Technical Bulletin

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

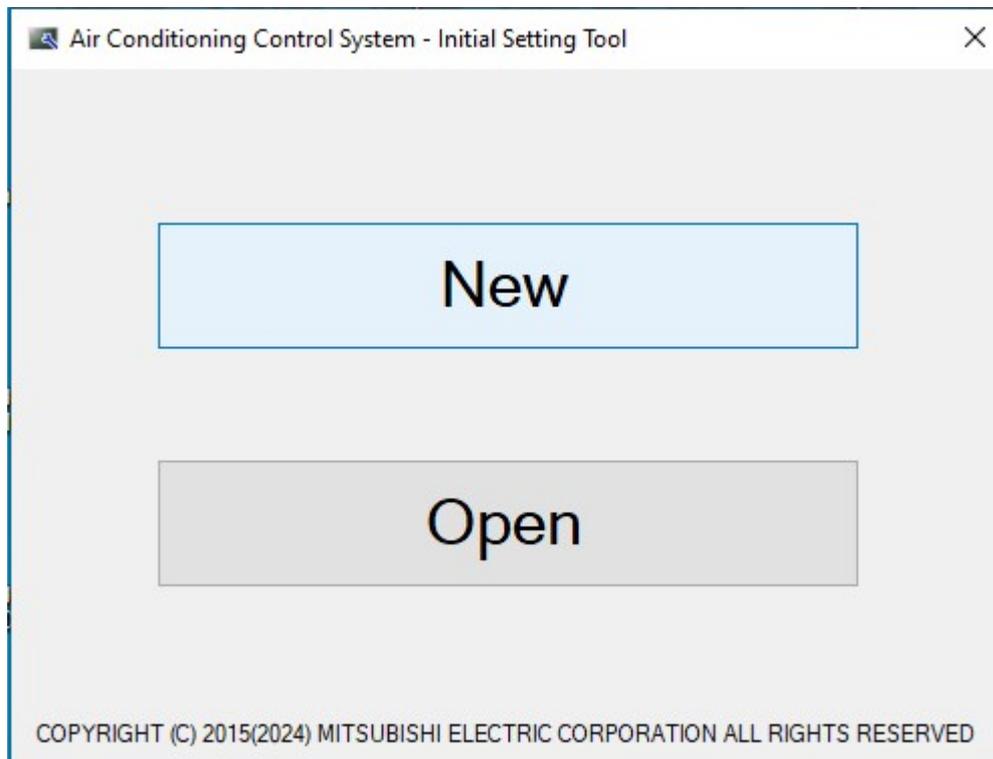




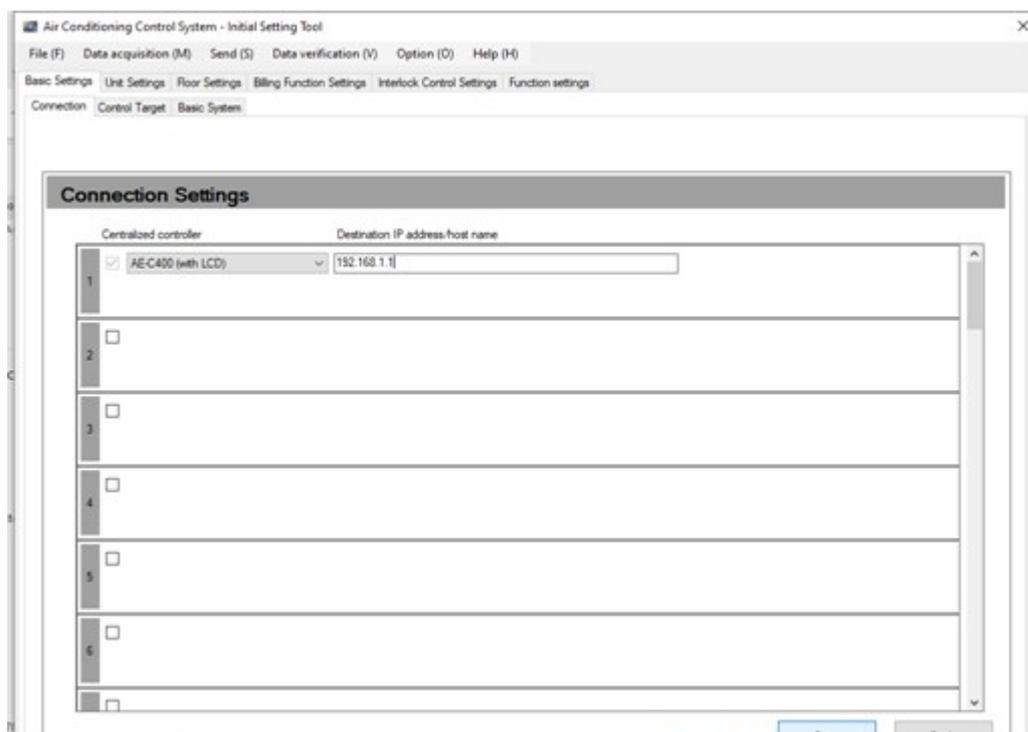
# Technical Bulletin

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

Open the settings tool and click "New"

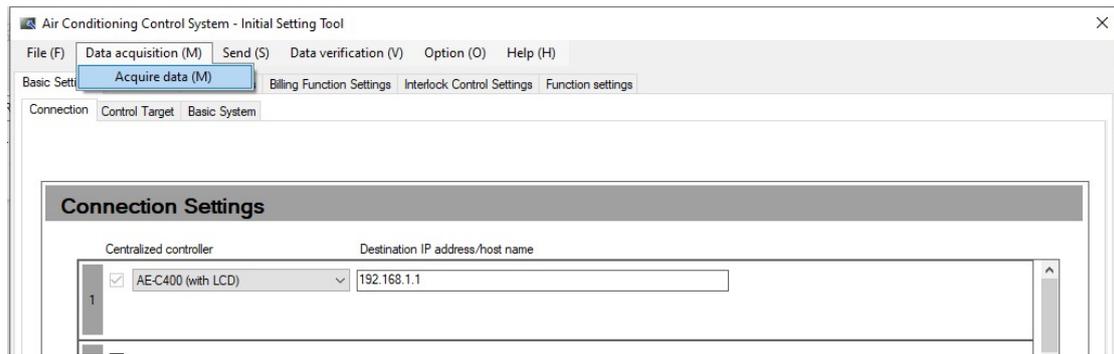


Then type in the IP Address of the controller and click "Save":

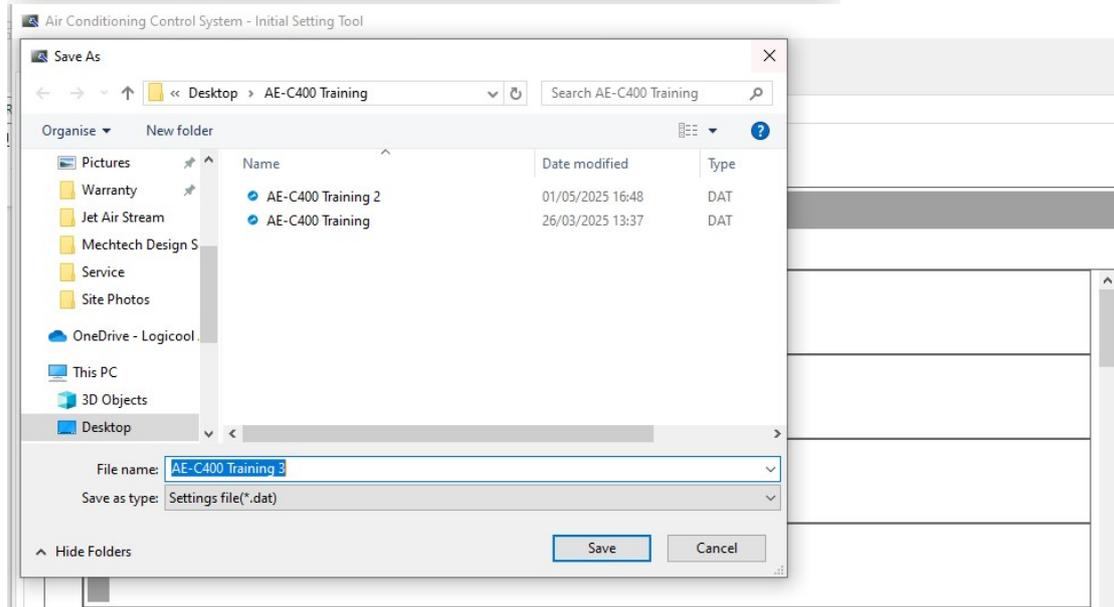
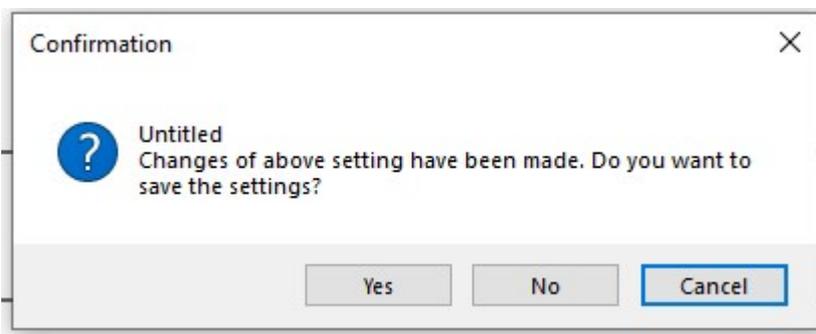


# Technical Bulletin

Next go to "Data acquisition" and click "Acquire data"

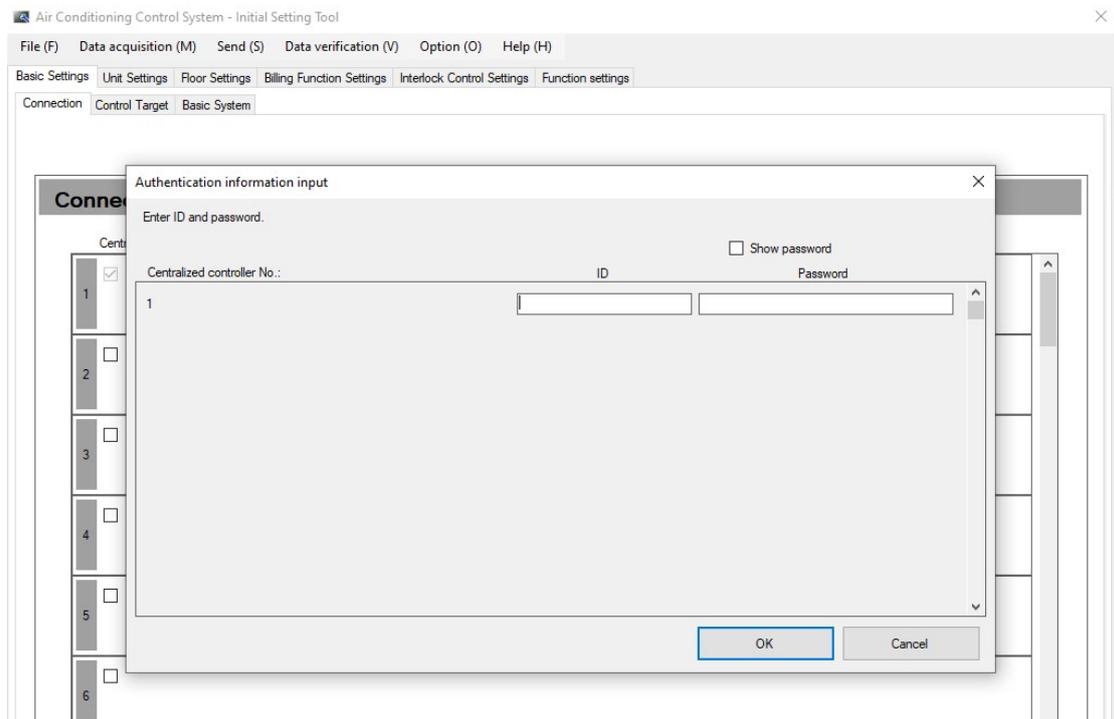


The tool will ask you if you wish to save the file, click yes and save a copy on your desktop.

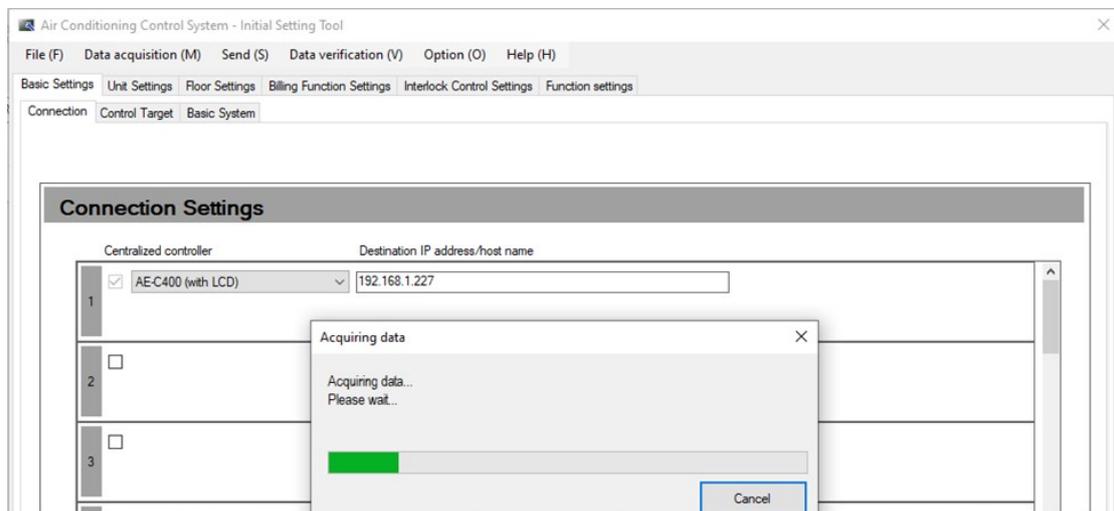


# Technical Bulletin

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

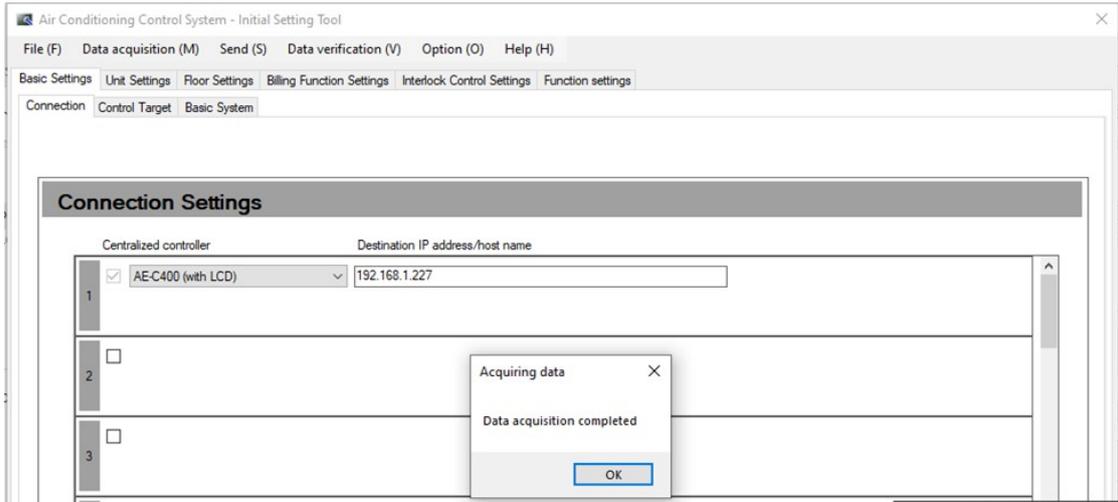


The tool will start to search for the controller settings:

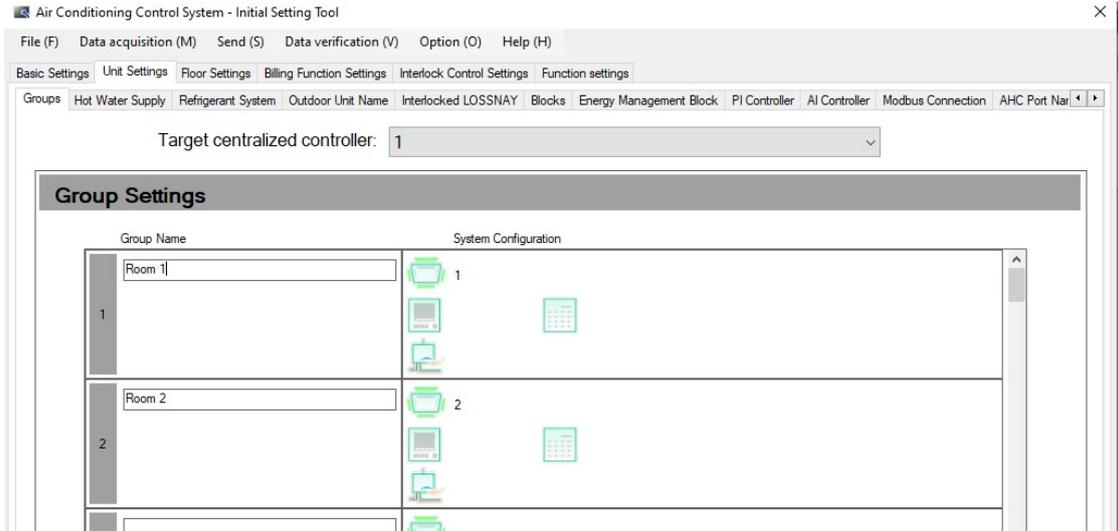


# Technical Bulletin

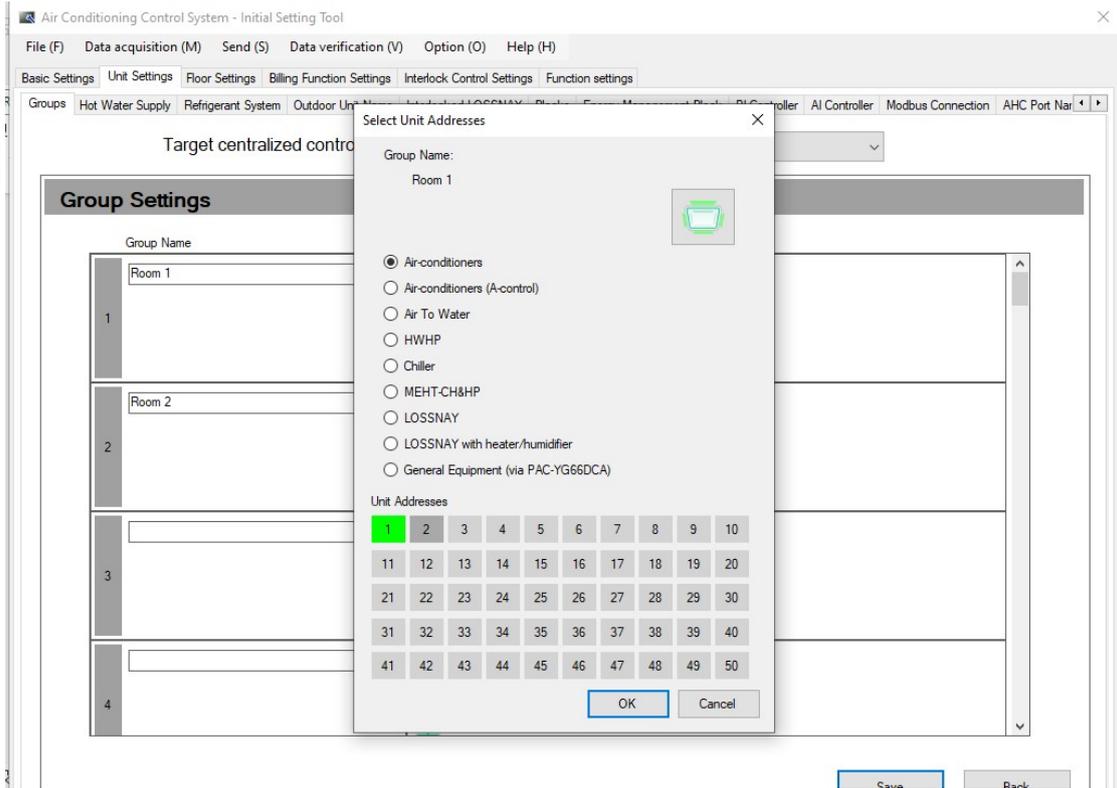
When finished the screen should look like this:



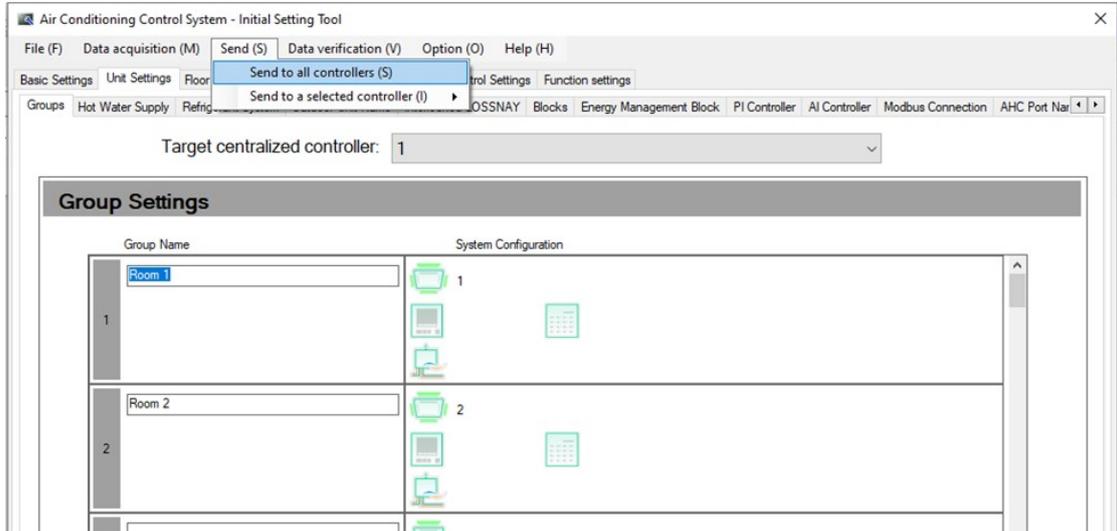
You are now ready to begin setting up the units on your controller. Go to Groups (Unit Settings) and add the unit type and MNET address as below:



# Technical Bulletin

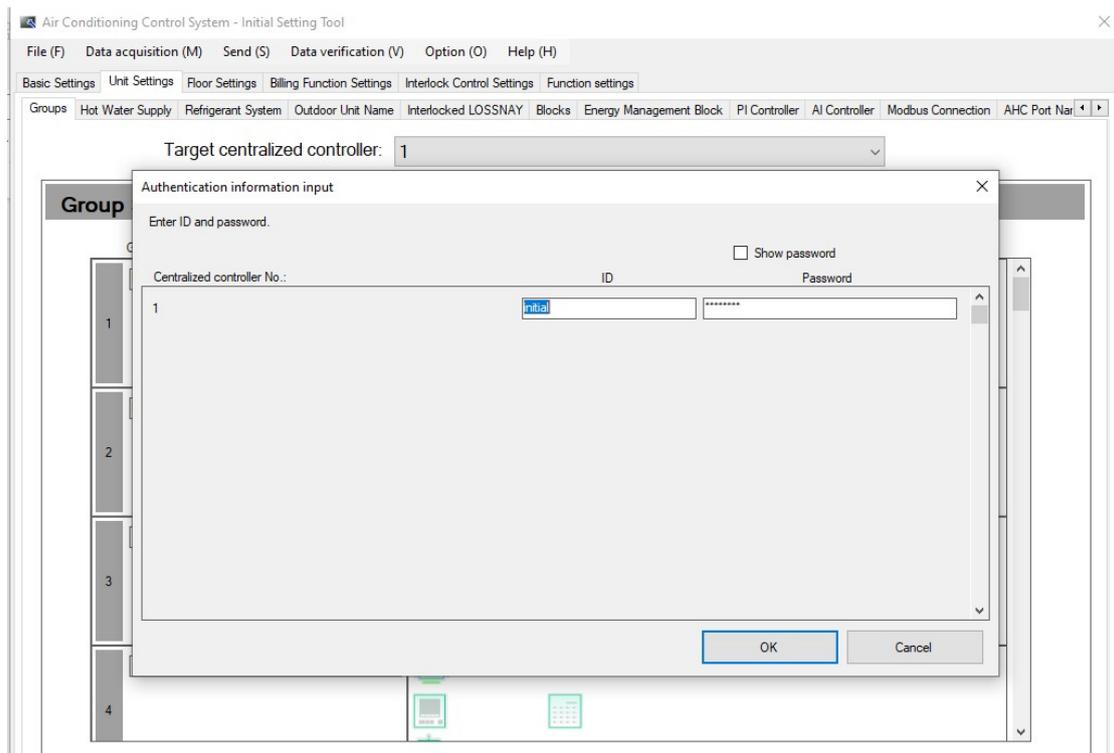


Click "Save" at the bottom of the screen as you input each Group to ensure you have saved all changes. When you are finished you will need to send the data to the controller. To do this you click "Send to all controllers":



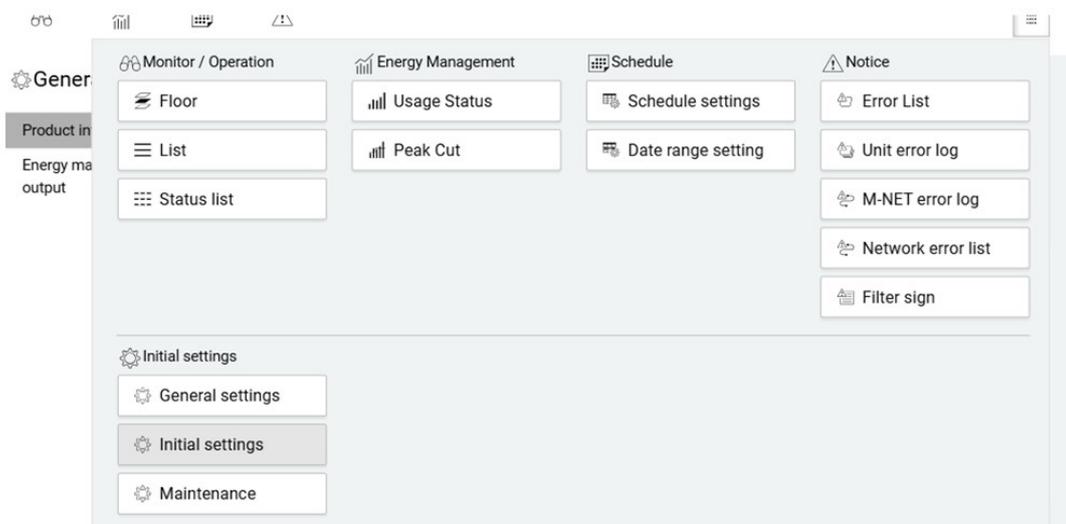
# Technical Bulletin

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:



# Technical Bulletin

Initial settings

- Controller settings
- Network settings
- Hot Water Supply Settings

### Controller settings

Select Controller: SC01

Date and time	12/05/2025 09:05:52
Time zone(Region)	UTC
Time Synchronization	No sync

Air-conditioner Settings

Test run	OFF
----------	-----

browser settings

Error warning	Disable
---------------	---------

© 2024 MITSUBISHI ELECTRIC CORPORATION ALL RIGHTS RESERVED

Cancel Save

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

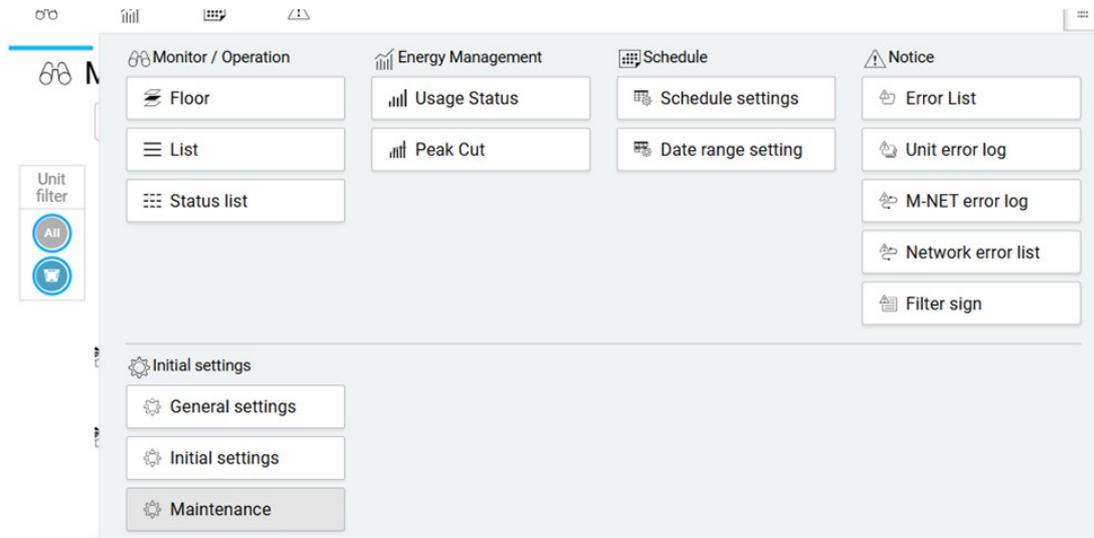
LAN1	Manual
IP address	192.168.1.227
Subnet mask	255.255.255.0
Gateway	192.168.1.254
MAC address	28E98E062152
DNS	Manual
Preferred DNS server	
Alternate DNS server	
LAN2	Manual
IP address	192.168.2.1

© 2024 MITSUBISHI ELECTRIC CORPORATION ALL RIGHTS RESERVED

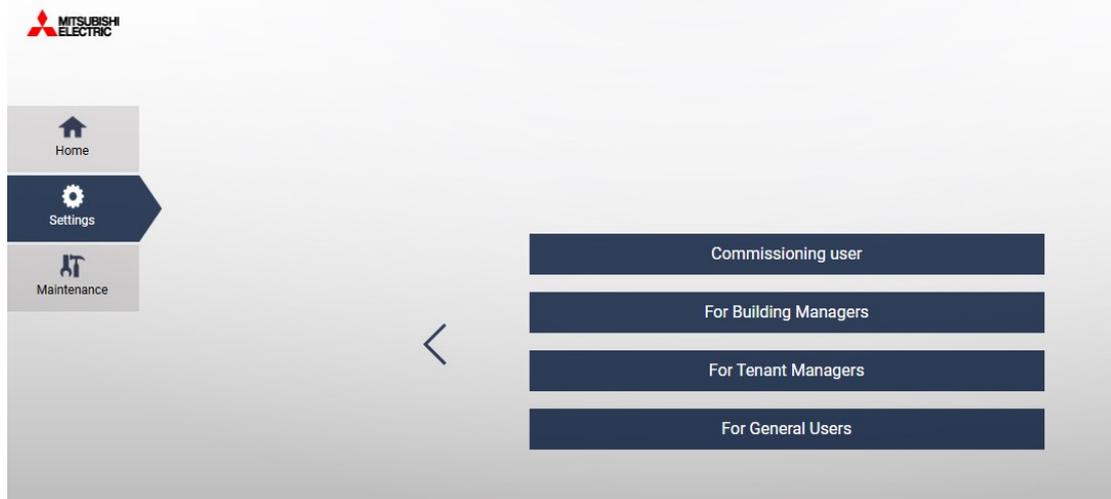
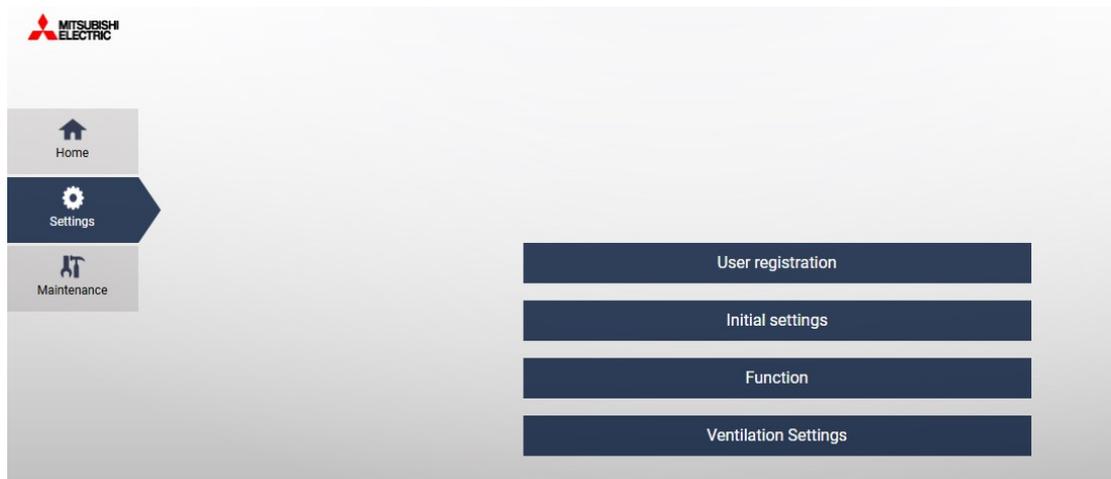
Cancel Save

# Technical Bulletin

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:



# Technical Bulletin

**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