

# CRESTRON CONFERO MODULE INSTALLATION

HOW TO INSTALL THE CRESTRON CONFERO MODULE  
FROM SCRATCH

LATEST UPDATE: 27/09/2024 (V.1.0)

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# Document History

Version	Date	Description
1.0	27/09/2024	First publication

## Crestron Installation

Crestron installation file can be downloaded using a Crestron account.

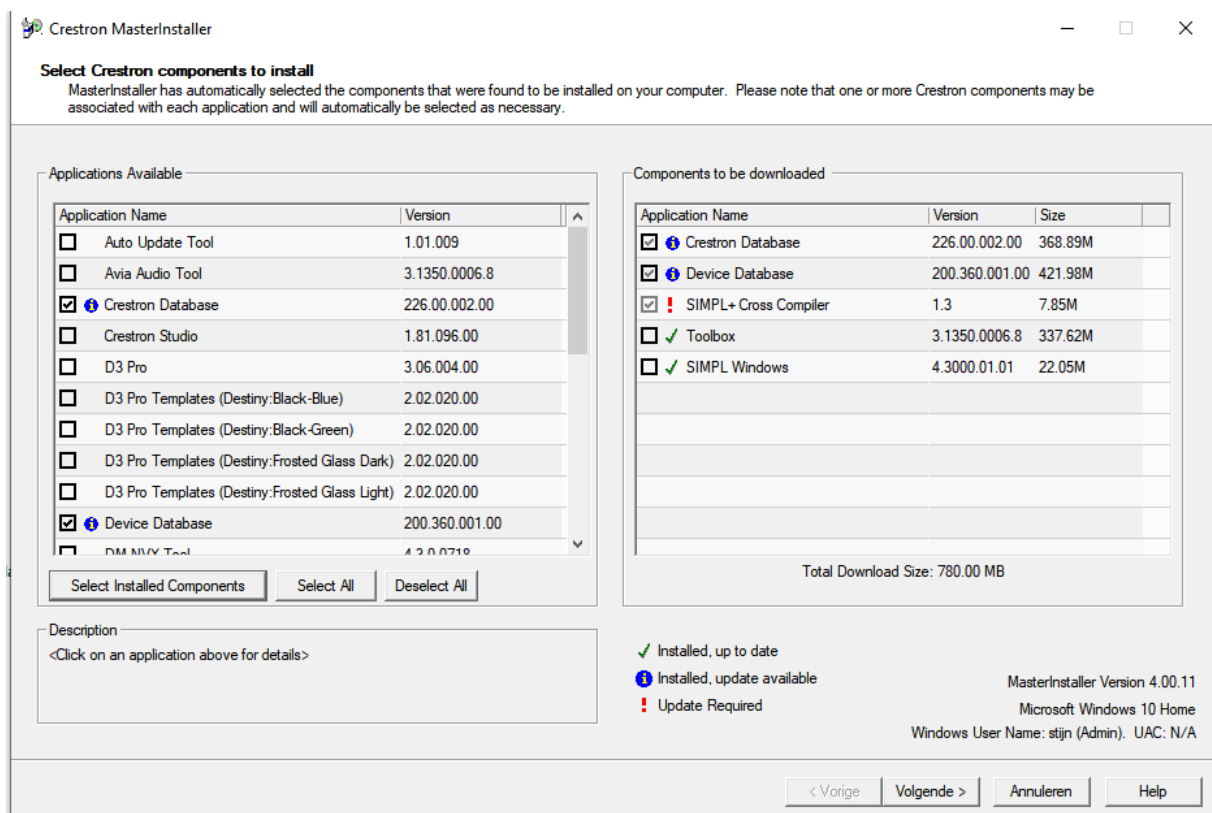
A Crestron account can be requested on <https://www.crestron.com/Register> or a person in your organisation can help you to configure your account.

## Master Installer












As soon as your account has the proper rights, you are able to download the Master installer by using below link:

<https://www.crestron.com/MasterInstaller>

As soon as you open the Master installer application, you are able to see the available installers online and the already downloaded installation files on your PC.



As soon as you have an account, you can install MasterInstaller to collect the required installation files. Create a folder "Install" and download all files into this folder

Name	Date modified	Type	Size
 Crestron XPanel Setup	03/05/2022 16:45	Application	12.493 KB
 Crestron.Tools.AutoUpdate_1.01.009	07/05/2024 10:31	Application	7.857 KB
 crestron_database_225.05.001.00	28/05/2024 11:47	Application	368.119 KB
 crestron_toolbox_3.1350.0006.8	28/05/2024 11:48	Application	337.620 KB
 crestron_toolbox_dvphd_3.1340.0016.0	07/05/2024 10:33	Application	152.648 KB
 device_database_200.350.001.00	28/05/2024 11:48	Application	391.248 KB
 NETCFSetupv35	12/06/2024 11:18	Windows Installer ...	34.121 KB
 simpl_plus_cross_compiler_1.3	07/05/2024 10:31	Application	7.859 KB
 simpl_plus_cross_compiler_1.3.iss	12/06/2024 11:11	ISS File	1 KB
 simpl_windows_4.3000.01.01	12/06/2024 11:11	Application	22.043 KB
 vt_pro-e_6.2.02.08	07/05/2024 10:32	Application	72.907 KB

## Installation sequence

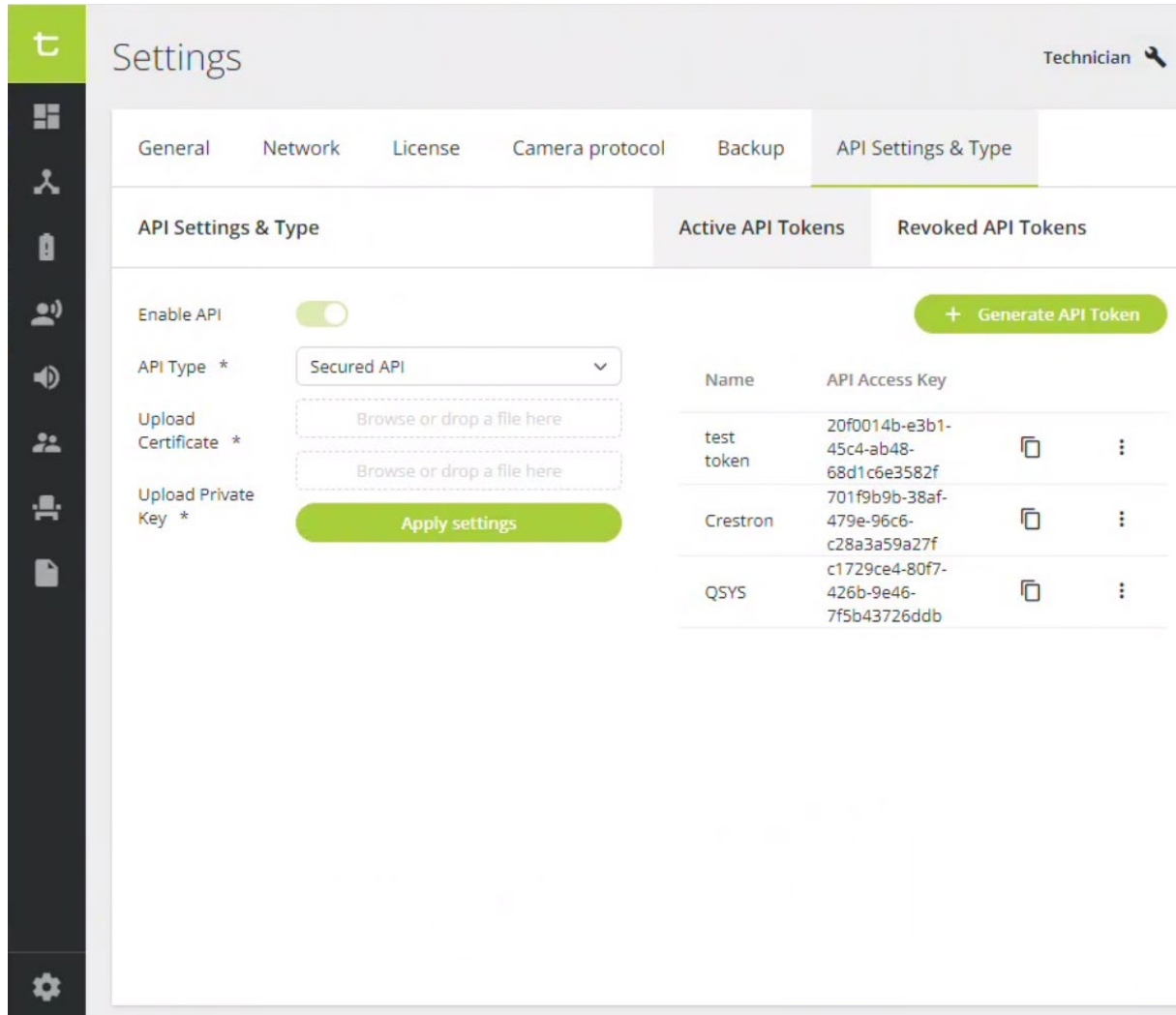
1. Dot Net Compact framework
  - Install NETCFSetupv35.exe
2. Simpl Windows
  - Install Simpl\_windows\_4.3000.01.01
3. Crestron Toolbox
  - Install crestron\_toolbox\_3.1350.0006.8
4. Crestron database
  - Install crestron\_database\_225.05.001.00
5. Device database
  - device\_database\_200.350.001.00
6. Crestron XPanel
  - Crestron XPanel Setup

This will enable the use of Confero Module setup as described in next chapter.

## Plixus Setup

Navigate to web interface of the IP address of the Confero Central Unit.

Log in as Technician and go to the configuration page using the wheel icon on the bottom left of the webinterface. Navigate to API Settings & Type.



The screenshot shows the 'Settings' page for a technician. The 'API Settings & Type' tab is selected. The 'Enable API' toggle is turned on. The 'API Type' is set to 'Secured API'. There are fields for uploading a 'Certificate' and a 'Private Key'. A table titled 'Active API Tokens' lists three tokens: 'test token', 'Crestron', and 'QSYS', each with a unique API Access Key and a copy/delete icon.

Name	API Access Key		
test token	20f0014b-e3b1-45c4-ab48-68d1c6e3582f		
Crestron	701f9b9b-38af-479e-96c6-c28a3a59a27f		
QSYS	c1729ce4-80f7-426b-9e46-7f5b43726ddb		

Enable API setting with the API Type "Secured API".

Generate an API Token and give it a proper usage name like "Crestron"

Write down the IP address of the Central unit together with the API token.

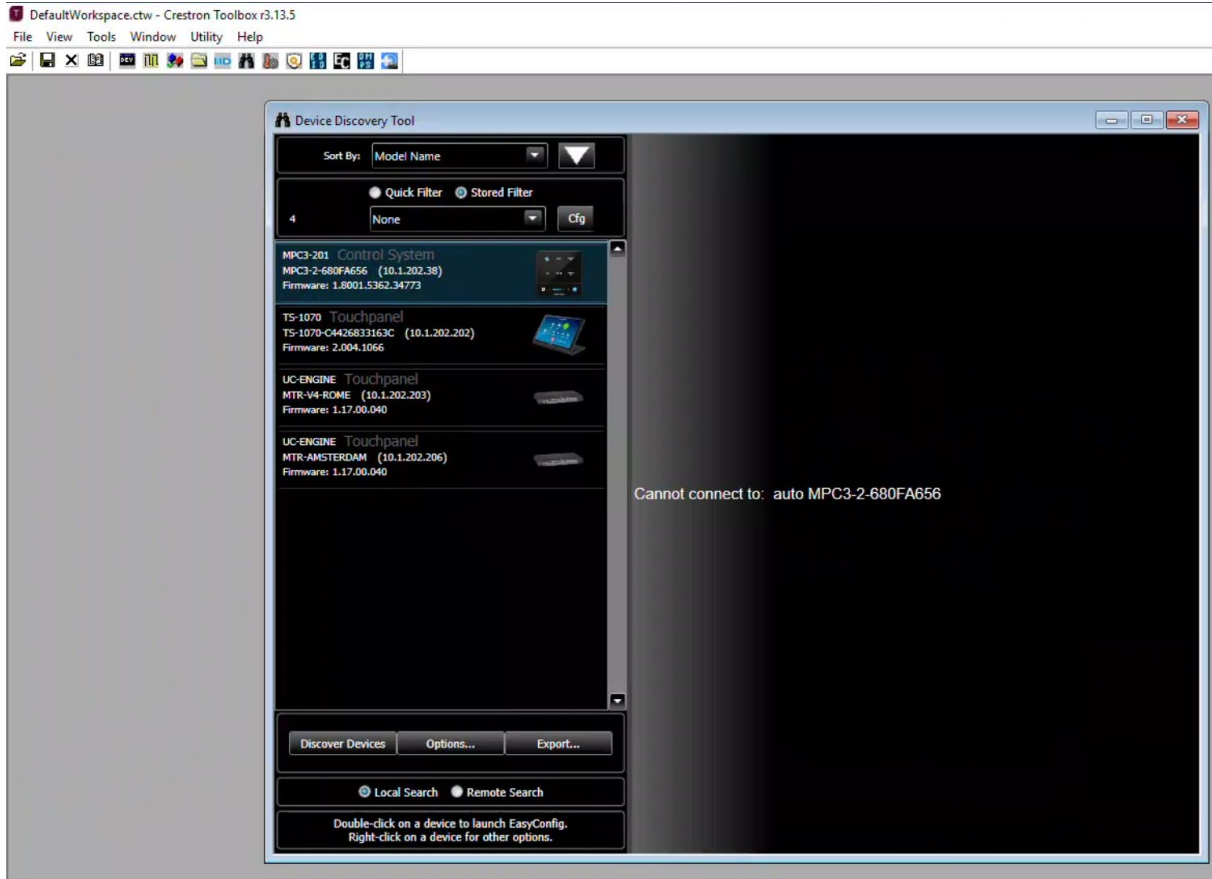
Optional, you can decide to upload a certificate onto the Confero Central unit to activate more secure communication.

Be careful, as soon as you uploaded a certification on your central unit, you can only remove it by bringing the Confero Central unit back to factory defaults.

# Confero Module Installation

## Crestron Toolbox

Open the Crestron Toolbox window and open Device Discovery Tool.



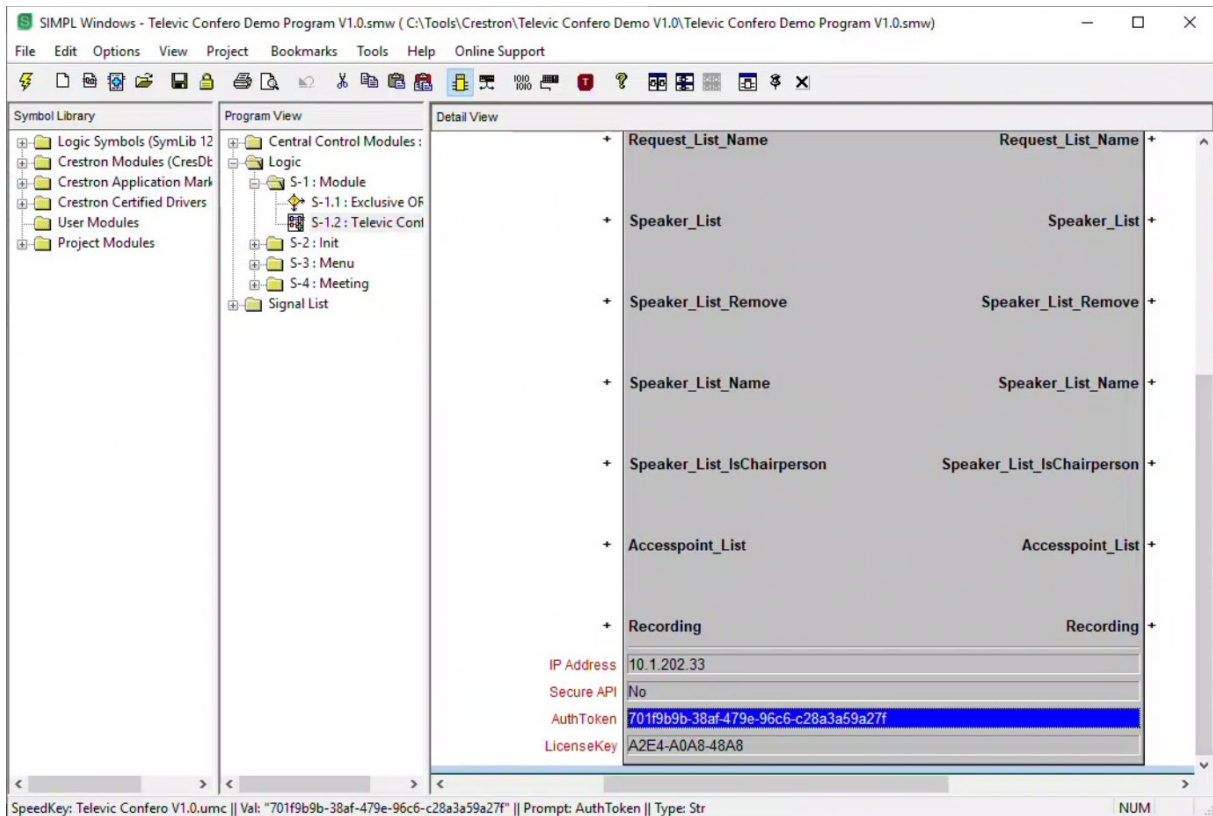
Here you select your controller and alter the network configuration to enable the crestron to become available on the network.

## Simpl Windows

Open the Simpl\_windows application and load the project SIMPL Windows program file. By default this will be "Televic Confero Demo Program v1.0.smw" to load the project.

Open up the Logic => S-1 : Module => S-1.2 : Televice confero v1.0 and navigate the detail view to the bottom.





Here you can configure:

- IP address of the Confero Central Unit
- AuthToken or Bearer token of the Confero Central Unit
- Secure API flag, used for working with a certificate.
- License key of the Confero module

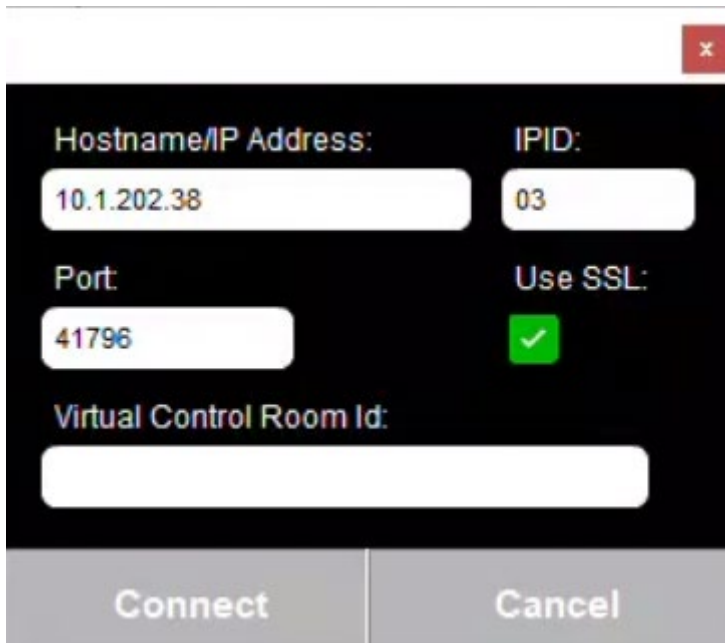
The license key is required for production usage, if no license key is installed, the communication will stop after 2 hours of operation.

As soon as you have filled this in, recompile the project and upload the project to the Crestron Controller. After the upload the unit should be able to work properly.

## XPanel

Open the XPanel application and load the XPanel project file. By default this is “Televic Confero Demo v1.0.c3p”.

Go to Options => Host settings and update the Host IP address to the address of the Crestron Controller and press Connect.

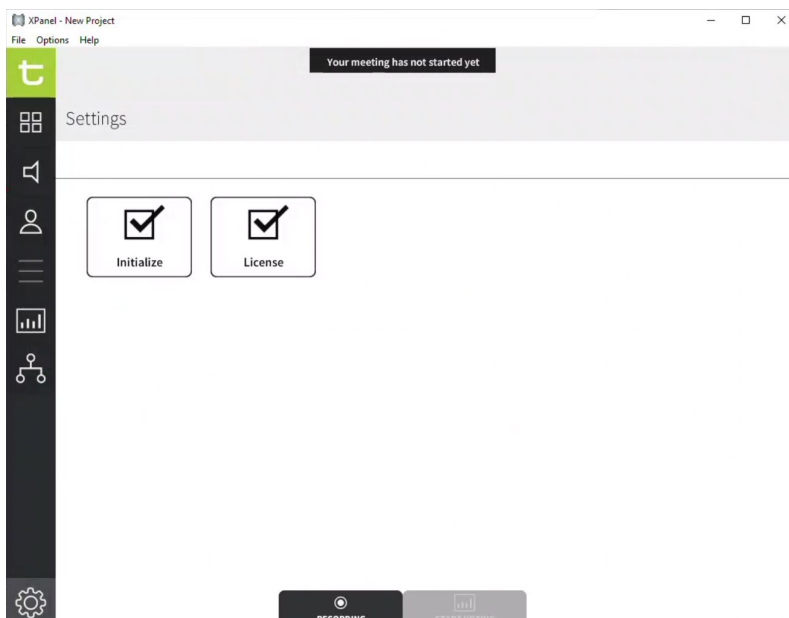


The screenshot shows a dialog box with a black background and white text. It contains the following fields and controls:

- Hostname/IP Address:** A text input field containing "10.1.202.38".
- IPID:** A text input field containing "03".
- Port:** A text input field containing "41796".
- Use SSL:** A checkbox that is checked, indicated by a green checkmark icon.
- Virtual Control Room Id:** An empty text input field.
- Buttons:** Two buttons at the bottom: "Connect" and "Cancel".

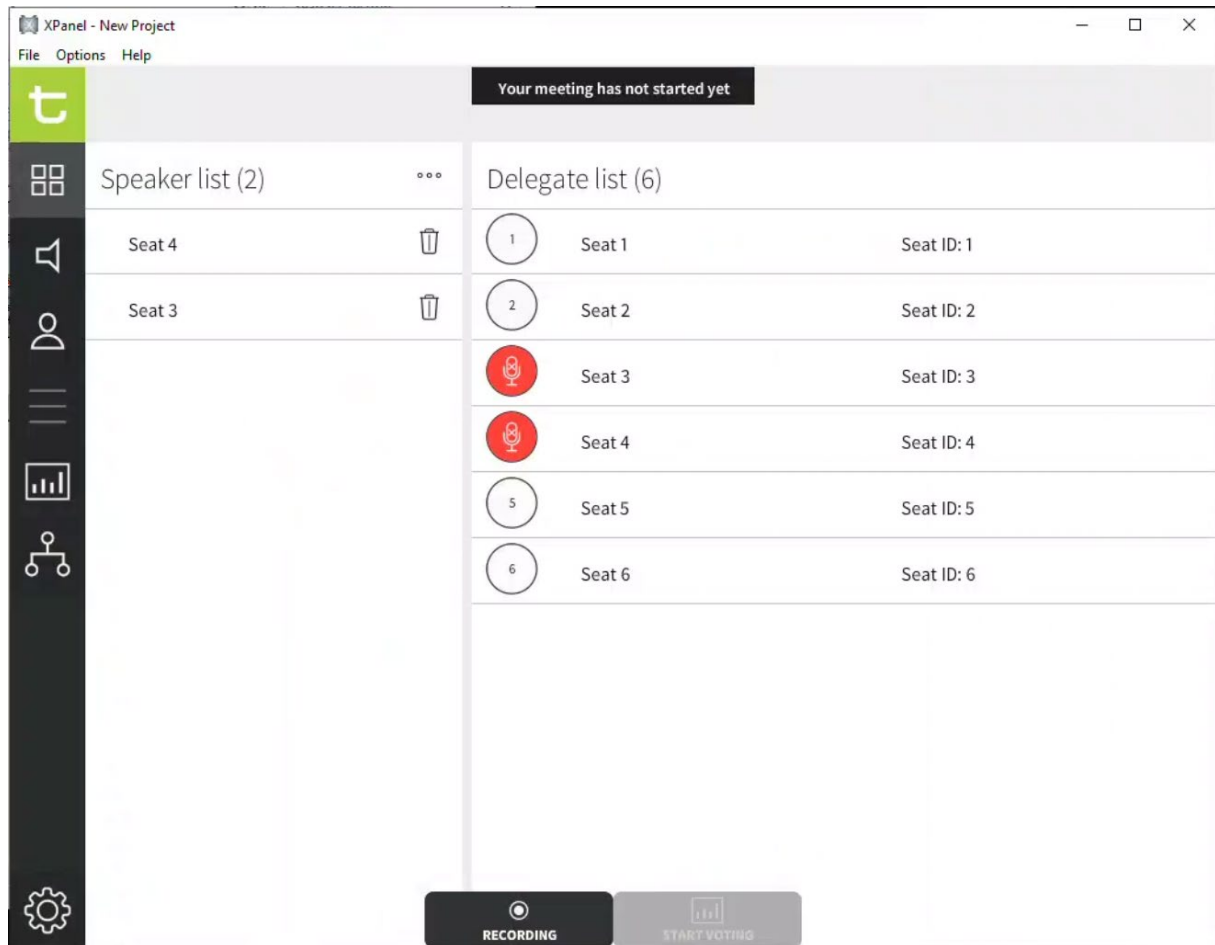
Navigate to the configuration menu in the bottom left menu options.

Press Initialise and the License checkboxes what will start the communication.



# Crestron Confero Module

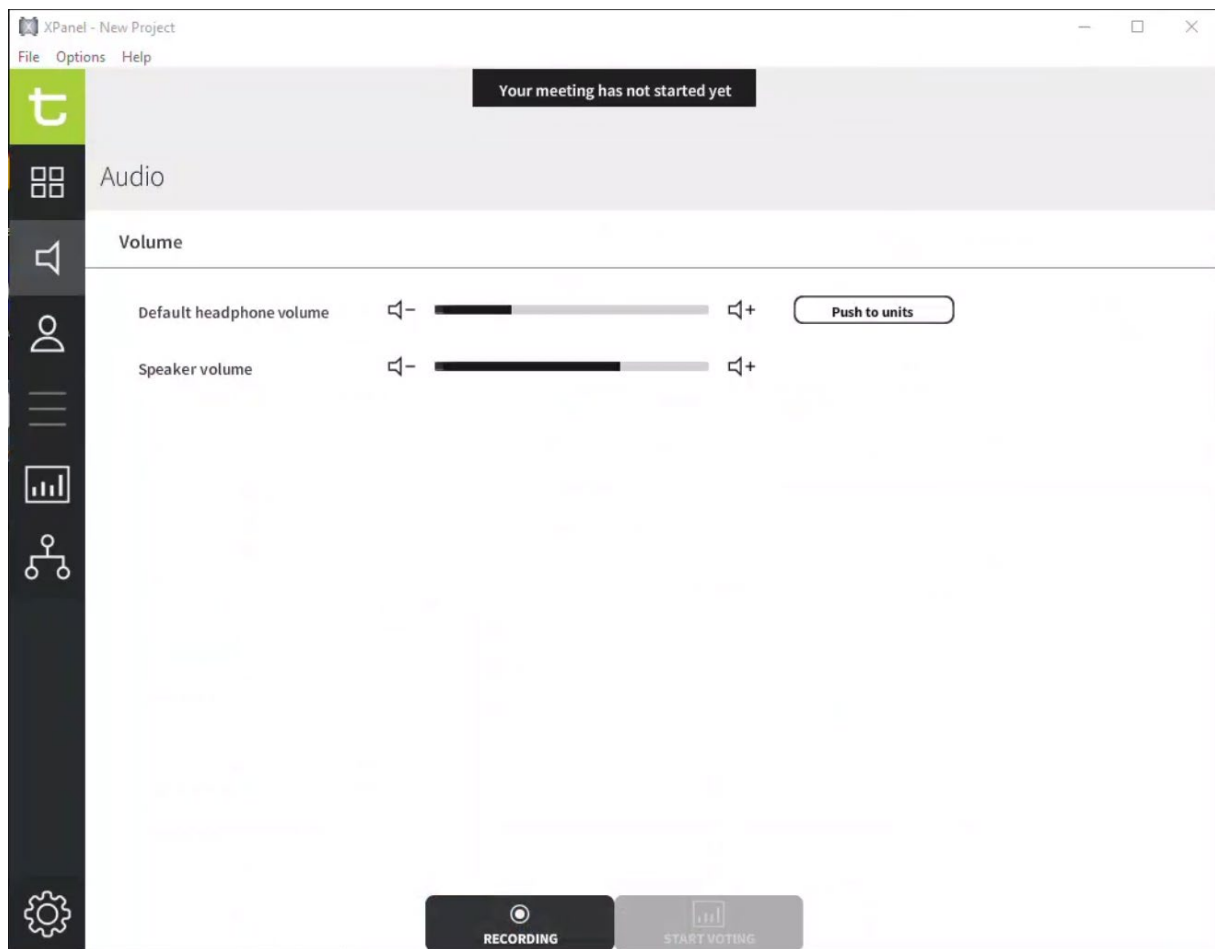
## Microphone Menu



Functionality:

- List of all configured seat numbers
- Active delegate microphone status
- Enable/disable Microphones
- Speaker list

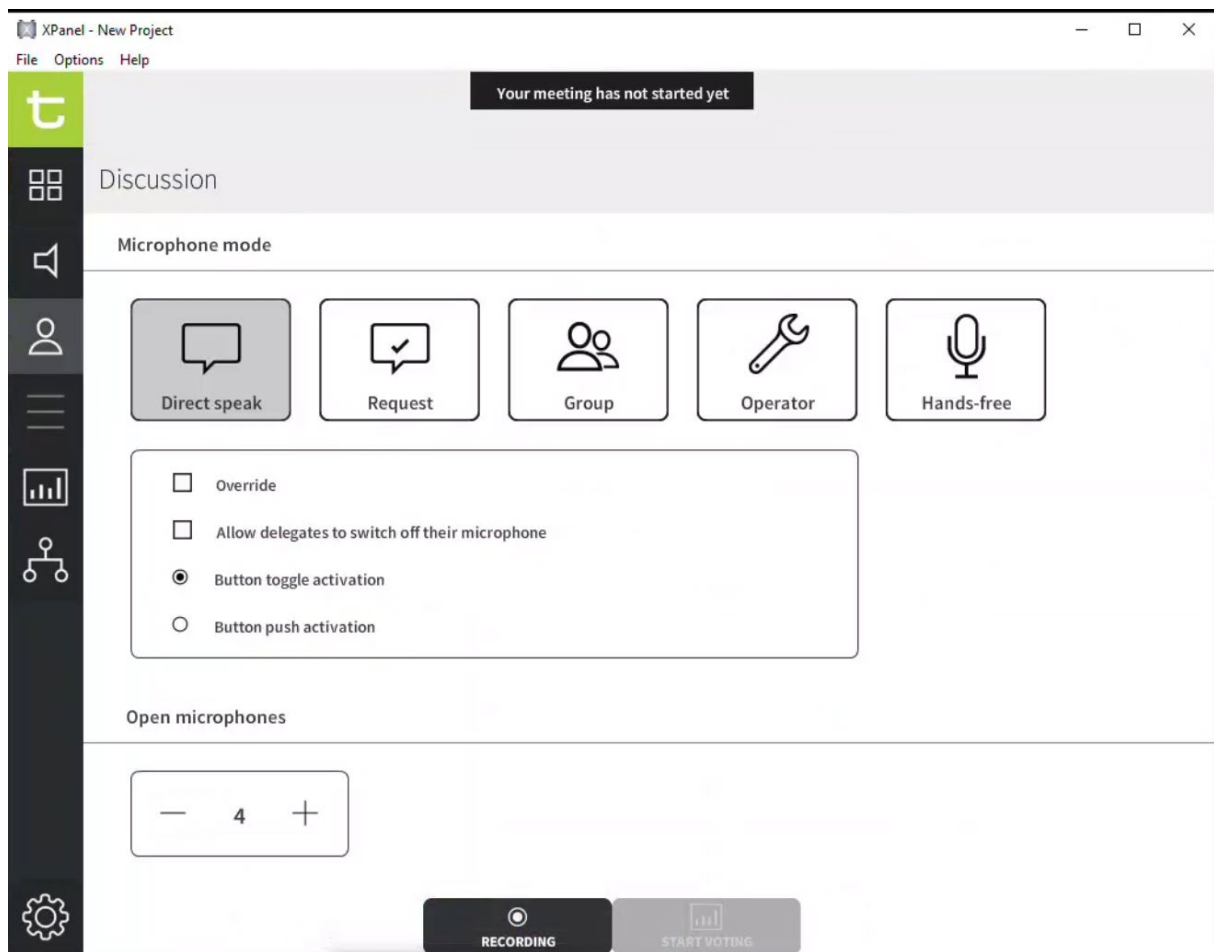
## Audio Menu



Functionality:

- Default headphone volume
- Default speaker volume
- Synchronise default headphone volume to units

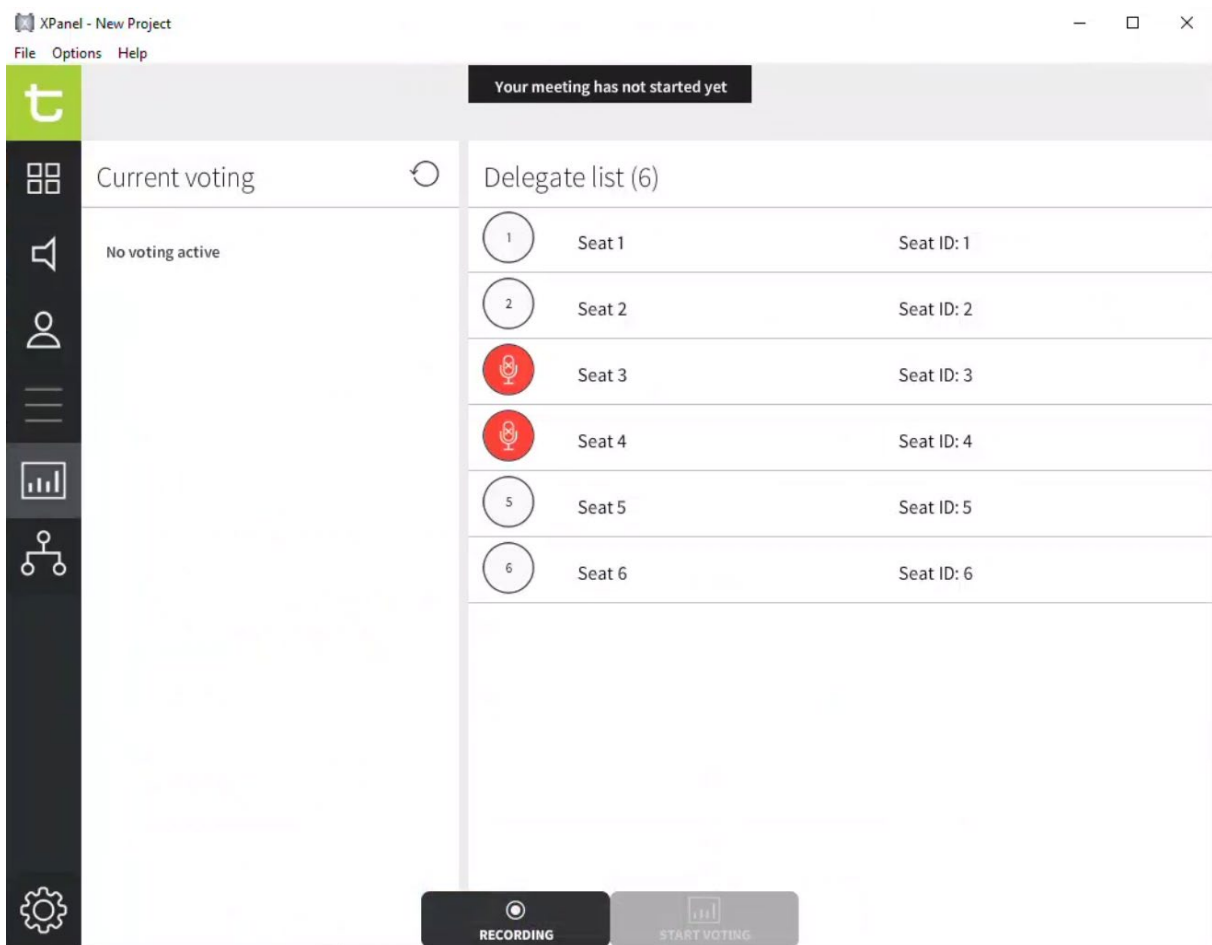
## System Configuration Menu



Functionality:

- Configure Microphone mode with settings
- Configure maximum open Microphones

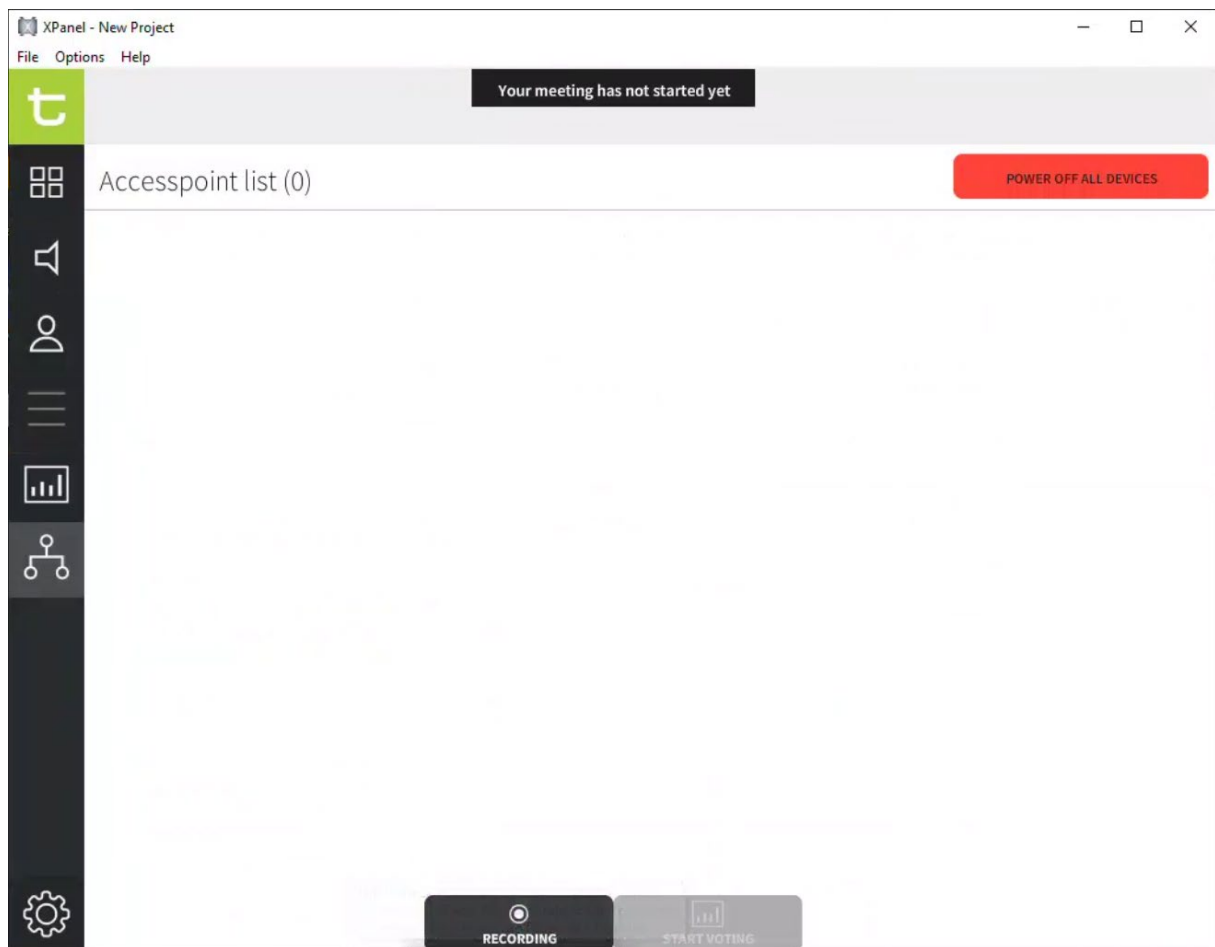
## Voting Menu



Functionality:

- Voting status
- Show active voting option

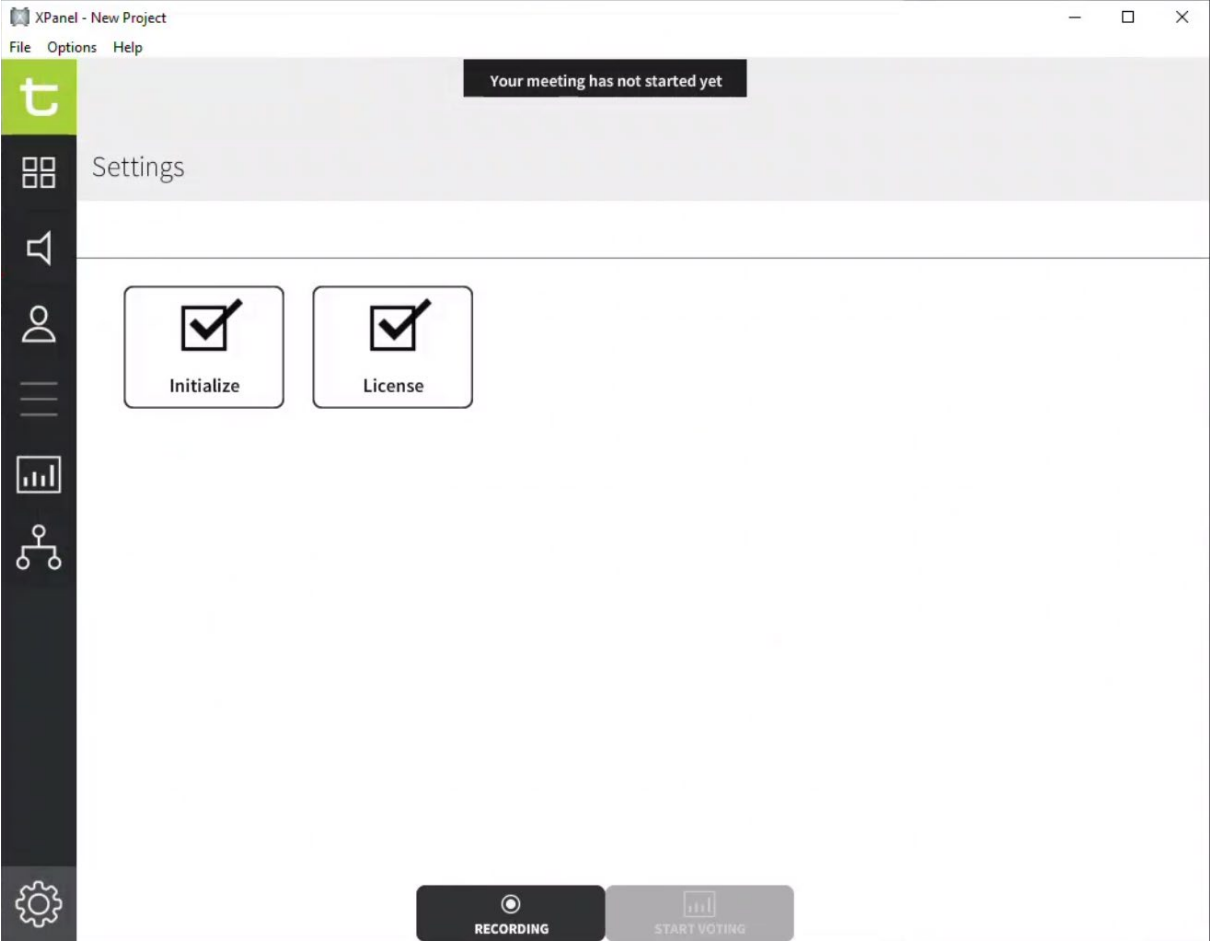
## Wireless Menu



### Functionality

- Show wireless devices
- Power off all wireless devices

# Module Configuration Menu



## Functionality

- Initialise the Confero module
- License activation state