Theia App Configuration with Zones (App version 1.07 or higher)

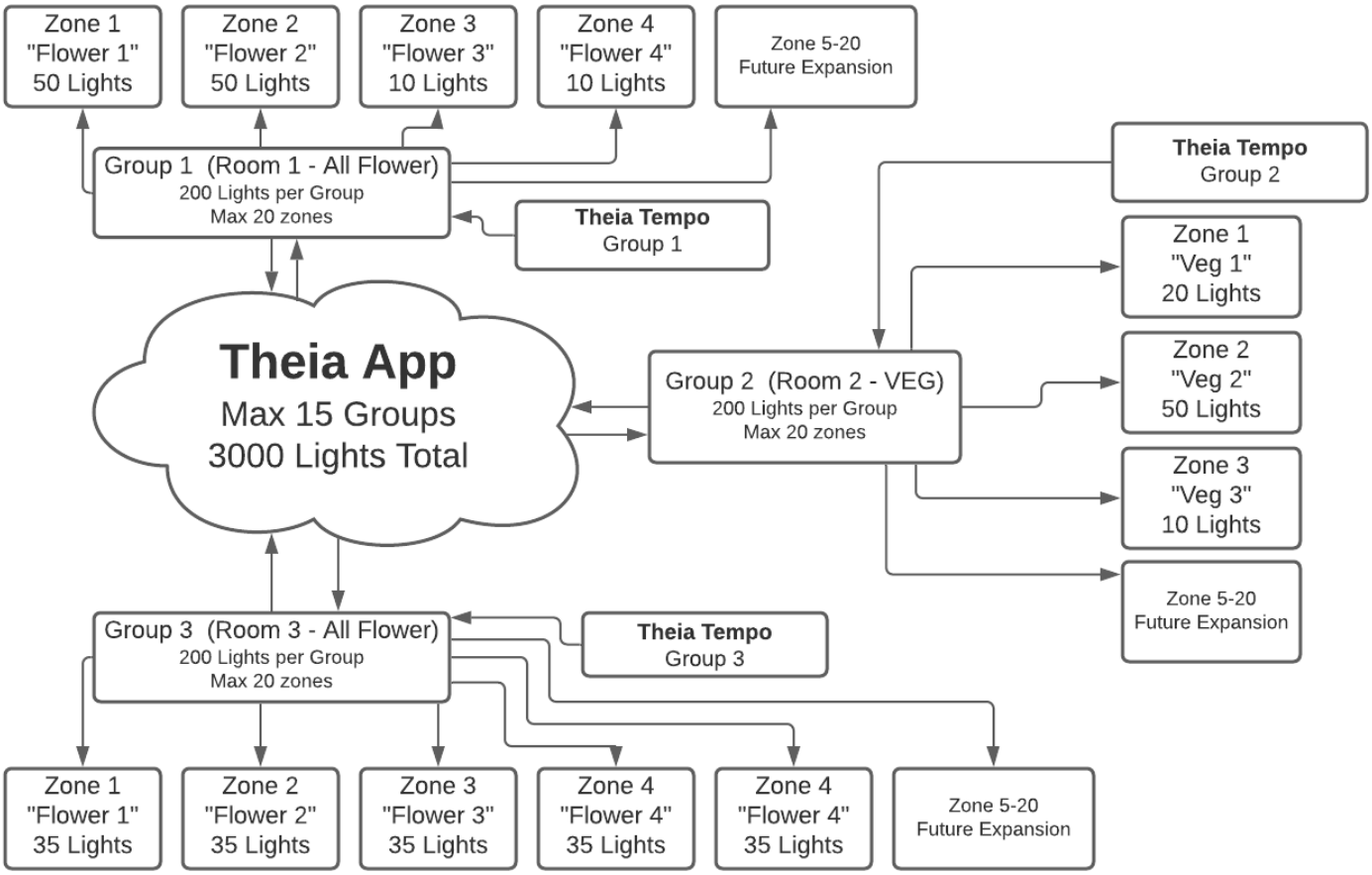
With the release of Scynce Theia app version 2.07 and firmware 1.21 users will now have the ability to split up a group in up to 20 individual zones controls.

Before using zones, please ensure that all lights and tempo's have been updated to 1.21. For help on updating your lights, please refer to the group DFU instructions.

With the large variation in configurations and setup. We recommend writing out a master plan, so that you know where each control zone is. Decide how you want lights grouped and zoned before you get going, it will make things much easier!

We recommend 1 group per room, and zones for different sections within a room.

Here is a diagram of a very simple facility with a couple flower rooms and a single veg room and how we would recommend splitting up groups and zones.



All lights come pre configured in Group 1, Zone 00. Users are able to select between zone 1 and 20.

- A factory reset will put lights back in group 1, zone 00.
- A group change will always put lights back in zone 00.

If you are familiar with the Theia app, a simple configuration flow should follow this. A more in depth explanation of the steps is outlined below.

- **Step 1 - Power on lights/Temp as a group and let mesh form(<5min typ)**
- **Step 2 - Enable Security**
- **Step 3 - Assign New Group**
- **Step 4 - Power off all lights except zone to be assigned**
- **Step 5 - Configure Zone**
- **Step 6 - Repeat 4 and 5 for all zones**

Step 1 - Install all lights that are going to be in a group, ideally lights should be wired on independent circuits per zone. Setup will be much easier if lights in independent zones can have power applied to only specific groups or zones

- Power up all the lights in the first group to be used. Allow the wireless mesh to form on it's own. On power up this could take up to 15 minutes for a 200 light group, or as fast a 30 sec for <10 lights.
- If you are using Echo Air's or Tempo's. Ensure they are powered up, and part of the group. Only a single Tempo or Echo is required for time keeping per group.

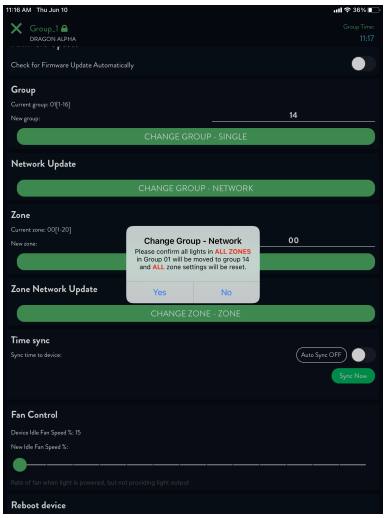
Step 2 - Using the Scynce Theia App open to the connection page, and you will see a single line for group 1 if they are all new lights. Connect to any light in that group, ensure that all lights are connected together by moving the master intensity to 0. All lights should turn off as confirmation that the mesh has formed and is stable. If random lights don't react, just give it another few minutes and try again. The internal software is self healing and is continually working to form a stable wireless mesh.

Step 4. Enable security. We always recommend security be enabled to prevent foul play. Without security enabled, anybody with a Theia app could connect to your lights. Security will tie all lights to the account that is currently logged into. To access the security enable option, push the "tray" (3 green lines in the top left corner in the app), then press the configuration button. Push the button on the security tab. You will see 2 warnings, confirm both. When complete it will take you back to the connection page.

- If you had already configured zones, enabling security will move all lights in that group to the connected to zone.

Step 5 - Group Assignment. Connect to any light in the group you are configuring. Push the tray button, then go to the **Group** tab. Push your new desired group. To change all lights currently connected together. Use the “NETWORK GROUP CHANGE” button.

- If zones were already configured, any group change will put lights back in zone 00.
- You will see a couple warnings, confirm both. Then look at all lights and confirm the output has changed(random color or output depending on model).



At this point, all lights in your room should have security enabled and all lights should be in your desired group. Now we can start assigning zones!

You should always do those first steps (group changes and security enabling) prior to zones since either of those will reset zone settings.

Zone step 1 - If possible, turn power off to all lights except the lights you want in a specific zone. This will allow all lights to be put into a zone at the same time without connecting to specific lights.

Zone step 2 - Connect to any light in what will be your new zone. Push the tray button (3 green lines), then on the Zone tab, enter a new Zone (1-20) and push the Green Button for CHANGE ZONE - ZONE.

- That is going to put all lights currently connected together (Group *xx*, zone 00) into your new zone.
- Once complete, the app will push you back to the connection page. All lights will reset, after a couple minutes push the Show Lights button. It should bring up a list with all lights powered up within bluetooth range. You should see your configured group and zone.

Zone Step 3 - Apply power to the next zone of lights. Let the mesh form (step 2-3 above) automatically. Once the mesh is formed in the next zone, do “Zone step 2” again until all lights are configured. Repeat for each zone.

Any new lights added to a facility should be powered on as a group, after initial groups are moved out of Group 1, zone 00. Lights in other groups and zones will stay isolated together and allow for group assignments of new lights.

If facility design prevents power isolation of desired grouping and zones. You will need to go through the above steps, but use QR codes on lights as described below.

Single Light Zone Step 1. Security. Enable Security for any and all lights in group 1. (See Step 1-4 above)

Single Light Zone Step 2. Connect to a specific light using the QR code function (top right corner of the connection page)

Single Light Zone Step 3. Group(if needed)- Move each light to the desired group using the instructions in Step 5 above.

Single Light Zone Step 4. Zone Configuration - Reconnect to the light using the QR code Move each light to the desired zone using the steps in “Zone step 2” as described above.

Repeat Single Light Zone Step 2-4 for each light that needs to be configured.

If a facility requires a large amount of single lights to be configured. Please contact your Synce sales representative for other options.

Tempo Configuration

A Theia Tempo is a battery backup time keeper

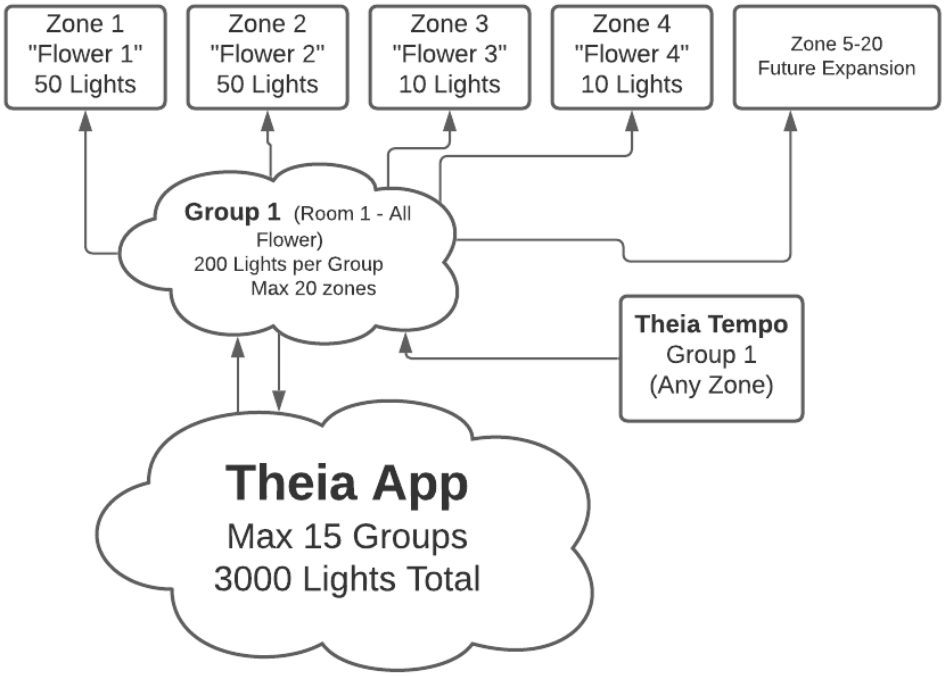
If using zones, all time commands will be sent to all zones in a single connected group. If you are only using the Tempo (or Echo) for time keeping, only a single unit is needed per group.

To configure, plug the tempo into the supplied USB block. The Tempo comes in Group 1 - Zone 00.

The first time connecting, navigate to the tray (3 green lines, top left corner) - configuration and time sync. Push the SYNC NOW, and turn on “Auto Synch”. You have now set the time in your device to the current group and it will auto update any time you connect via the app.

Configure the tempo up to the group level(Security and Group Setting). There is no need to put it into any specific zone. The Tempo can be in any zone and will still send out time keeping to all lights in all zones.

Please see the diagram below for a single group layout using a Tempo.



Theia Echo and Zones

An Echo is a battery backup time keeper and also a bridge from external signals to the Scynce wireless network.

All time commands will be sent to all zones in any group. If you are only using the Echo for time keeping, only a single unit is needed per group.

A separate Echo will be needed per zone if using an external controller to adjust light output via the 0-10v input on the echo.

To configure, plug the Echo into the supplied power supply. The Echo comes in Group 1 - Zone 00.

Configure the Echo up to the group level(security and group). The Echo can be in any zone and will still send out time keeping to all lights in all zones. If you want a single controller to control a single room, with multiple zones, please contact your Scynce Sales rep about options.

Please see the diagram below for a single group layout using an Echo to control a single zone, with time keeping for the whole room.