

TOMORROWS SMART BUILDINGS TODAY

IOT SMART LIGHTING

HOW DOES IT WORK?

SUMMARY | INSTALLATION | GROWTH

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Our IoT-Enabled Smart Lighting solution brings you tomorrow's smart buildings, today in partnership Syncromesh by Cognian. As the world strives towards carbon neutrality, making your buildings smarter will reduce your carbon emissions and future-proof your assets by allowing them to continuously adapt to the environment and ever-changing occupant needs. Our world-leading IoT solution has been designed to make building technology and management feature implementation and upgrades simple and easy.

Z A I A L U M I N A

syncromesh 
by cognian

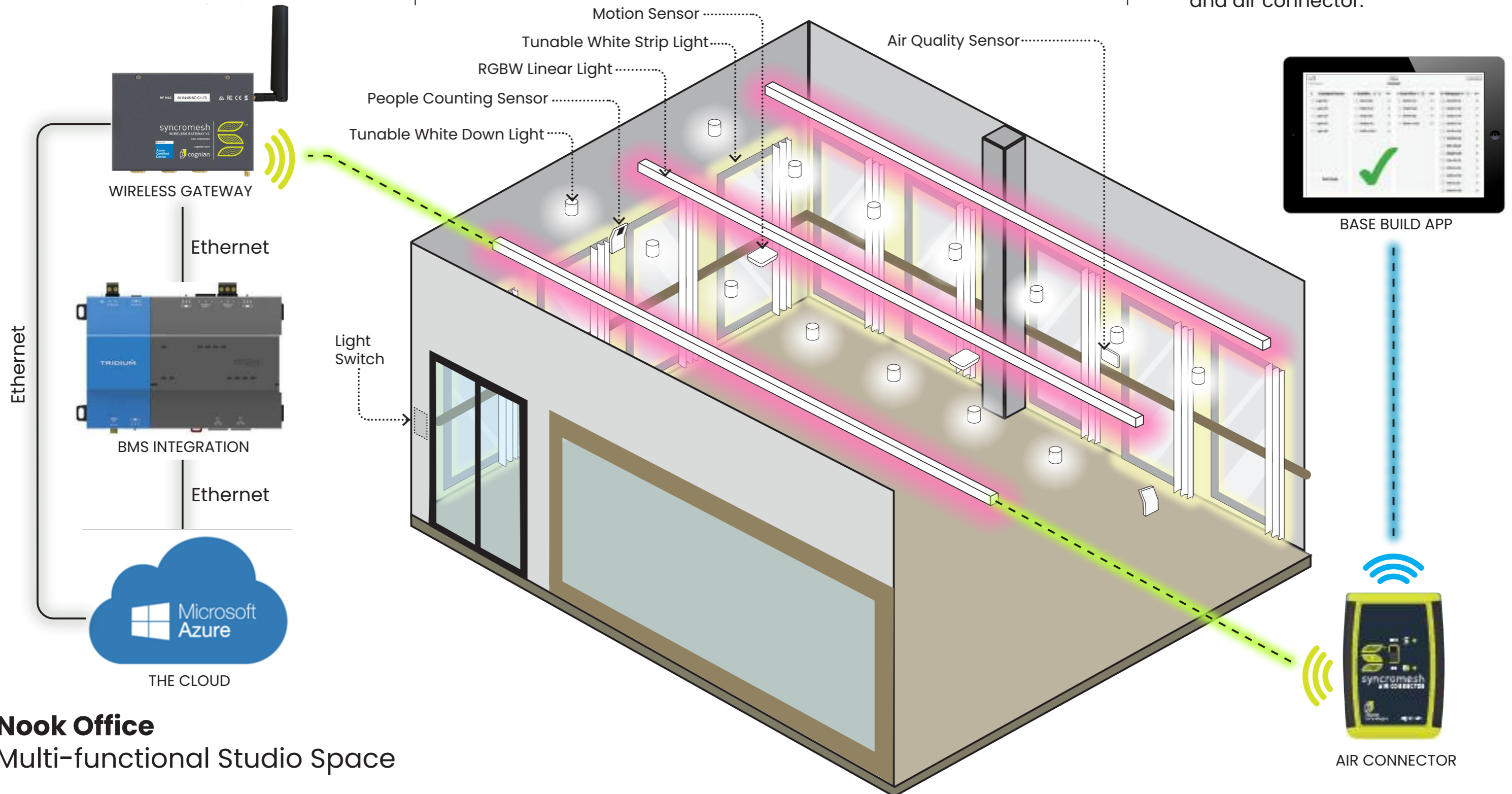
SUMMARY – HOW IT WORKS

1 Syncromesh wireless gateway is installed into the switchboard room.

2 NEW BUILD: ZAIA Lumina IoT enabled luminaries are installed.

RETRO-FIT: ZAIA Lumina IoT Module is connected to the drivers within the existing lights.

3 Technician wirelessly program the luminaries, switches and sensors via the base build app and air connector.

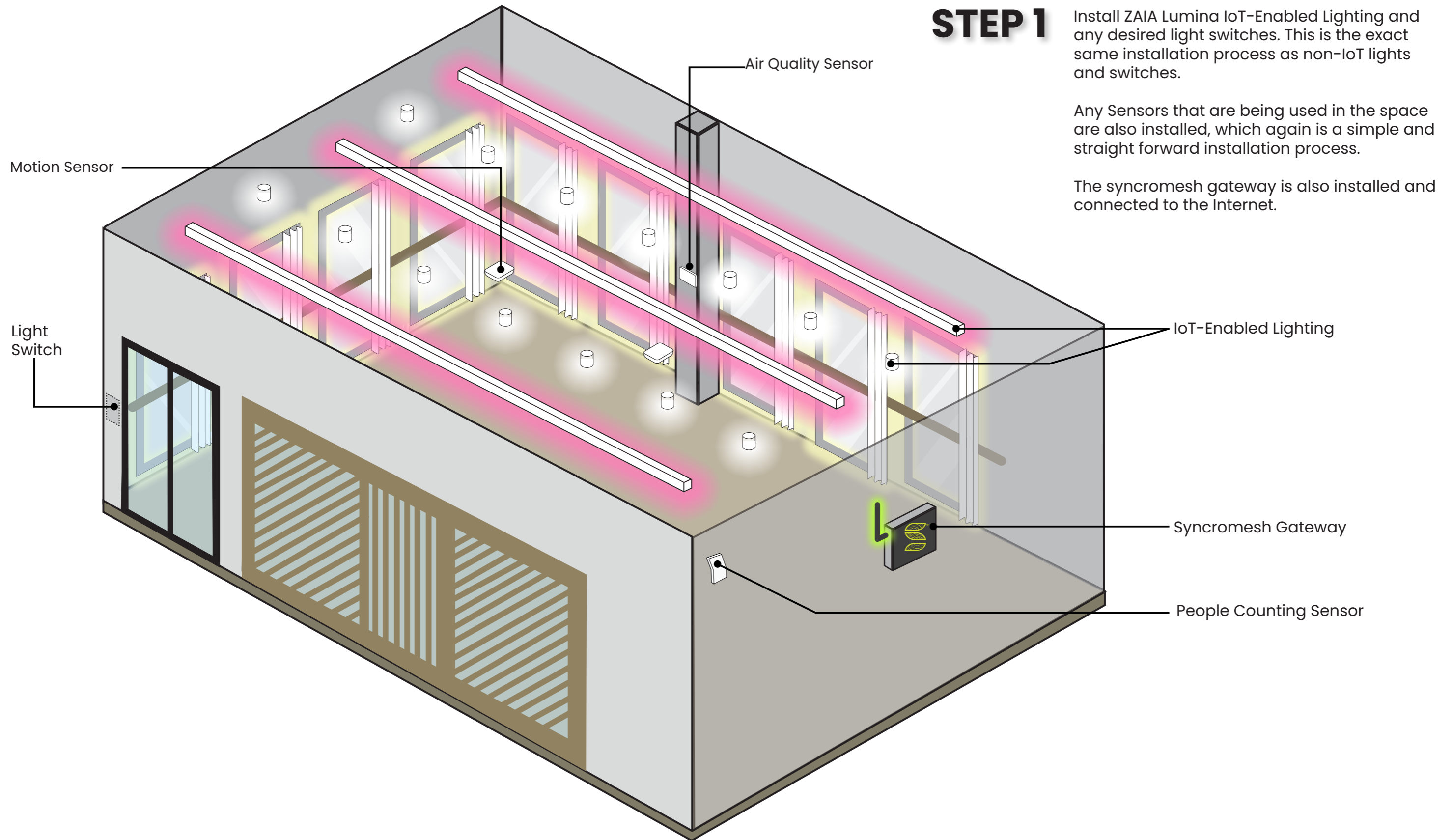


Nook Office
Multi-functional Studio Space

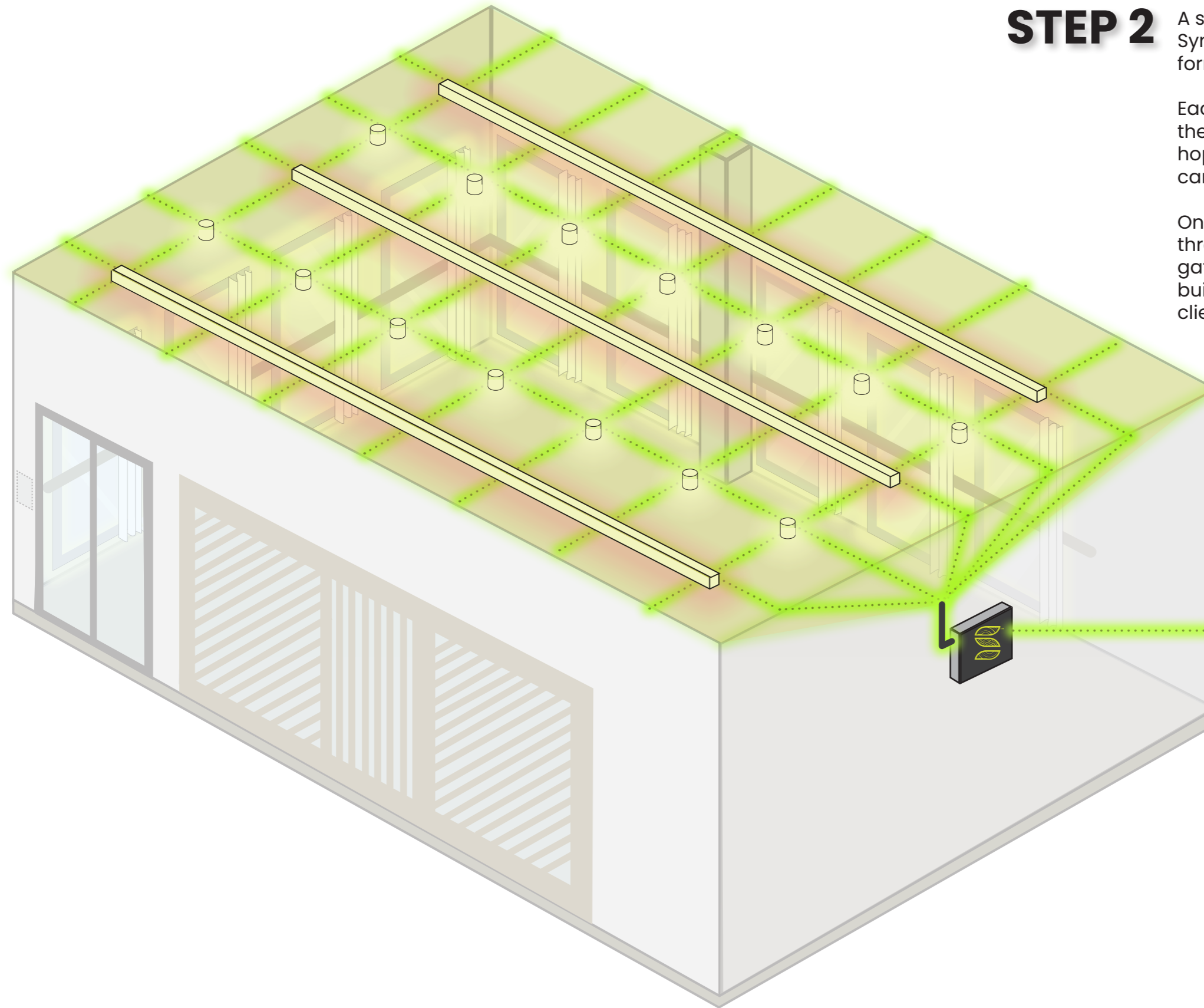
ZAIA LUMINA

syncromesh
by cognian

INSTALLATION - THE LIGHTS & HARDWARE



INSTALLATION - ACTIVATING THE SYNCROMESH TECHNOLOGY



STEP 2 A systems integrator will configure the Syncromesh gateway with all the lights, forming a wireless canopy.

Each light connects to each other wirelessly to the syncromesh gateway. As the lights bunny hop off each other, the syncromesh wireless canopy has no dark spots of connectivity.

Once the wireless canopy has been formed through the lights and the syncromesh gateway, the infrastructure for the space/building is completed for any IoT package the client requires.

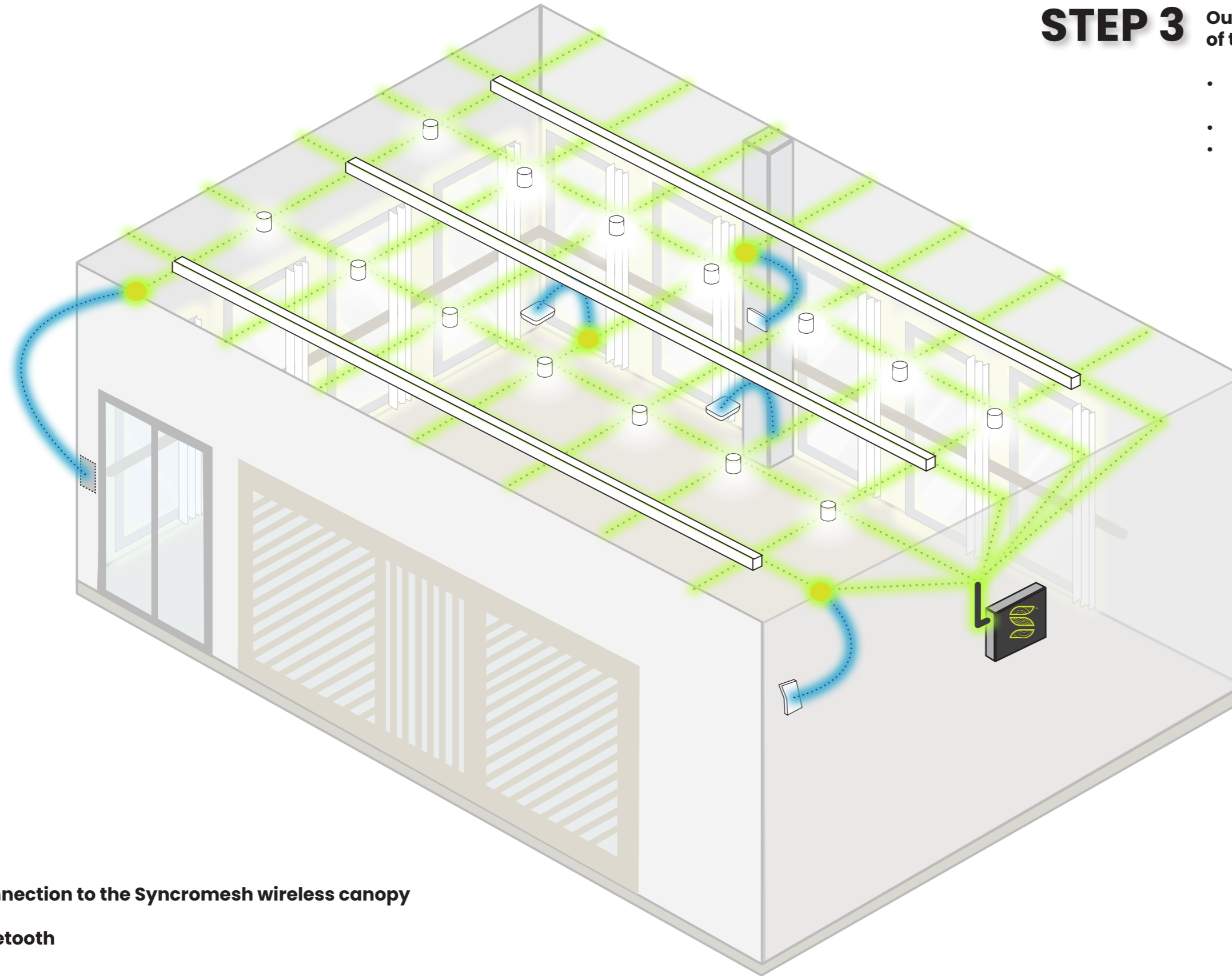




AIR CONNECTOR USED TO CONFIGURE THE LIGHTS WITH THE SYNCROMESH GATEWAY

INSTALLATION – CONNECTIVITY

STEP 3 Our systems integrator will then configure all of the hardware:

- Luminaries are wirelessly programmed as per the clients requirements.
- Switches will be configured with the lights
- Any sensors will be connected to the Syncromesh wireless canopy allowing data from the sensors to be accurately collected and tracked through the syncromesh.

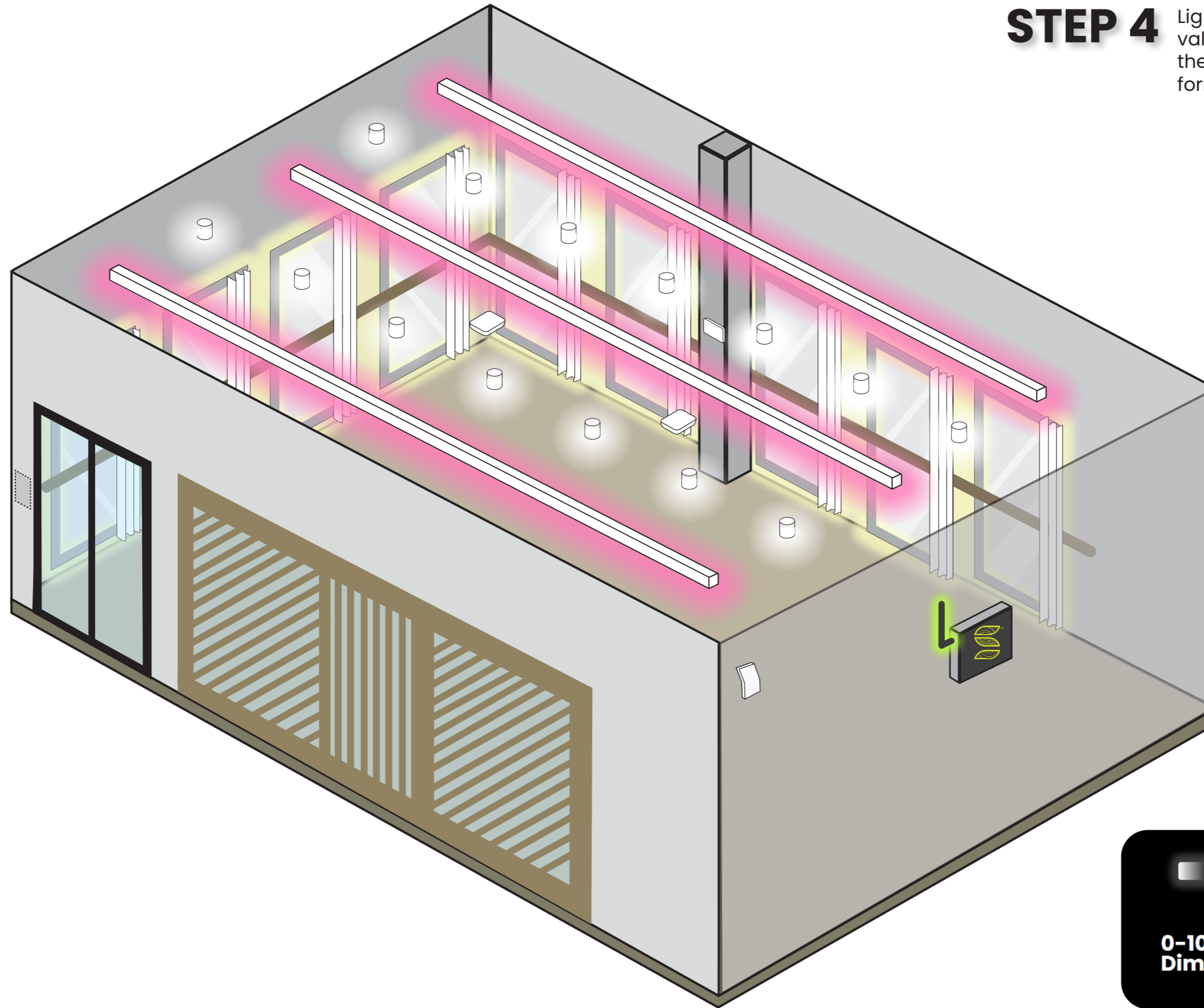


 Connection to the Syncromesh wireless canopy
 Bluetooth



Syncromesh basebuild app used to configure all of the hardware with the syncromesh wireless canopy

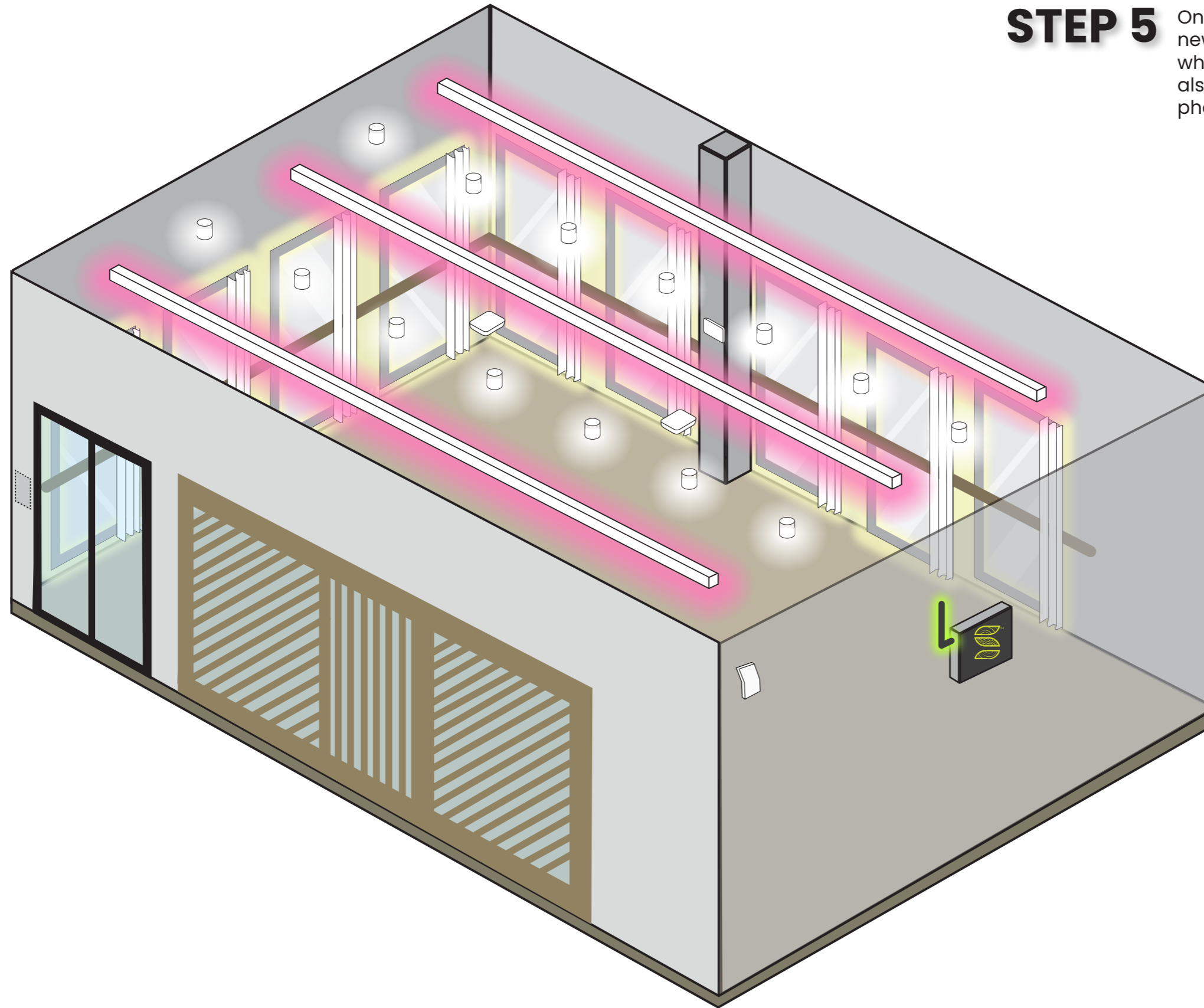
INSTALLATION - LIGHTING ENABLED & DATA COLLECTED



















STEP 4 Lighting controls are now activated and valuable Data collected about the space from the sensors through the syncromesh canopy formed using the lights.



GROWTH – BUILD UPON YOUR INFRASTRUCTURE



STEP 5 Once the infrastructure is built and activated, new sensors can be added and updated whenever they are required. The system will also be able to be updated as simply as a phone update.

-  WAY FINDING
-  PREFERENCE SETTING FROM PHONE
-  CLEANING AUDITS
-  COGNITIVE SENSORS
-  MARKETING PROMPTS
-  EMERGENCY MANAGEMENT
-  NOISE SENSOR
-  ASSET TRACKING
-  CONCIERGE MANAGEMENT
-  HEALTH & SAFETY CONTROLS
-  MOTION SENSOR
-  COVID-19 COMPLIANCE
-  ASSET CONTROL
-  WORKSPACE MANAGEMENT
-  NOISE BASED SMOKE ALARMS
-  SECURITY MANAGEMENT

Talk with an expert

Our IoT-Enabled Lighting solution is tailored to respond directly to the needs of your building and solve the particular challenges you and your spaces are facing.

Head to our IOT Page and tell us about your project: zaialumina.com
