syncromesh S™

FOR SYSTEMS INTEGRATORS + ELECTRICIANS

Syncromesh Wireless Gateway | Air Connector | BaseBuild App | WDI | WRI

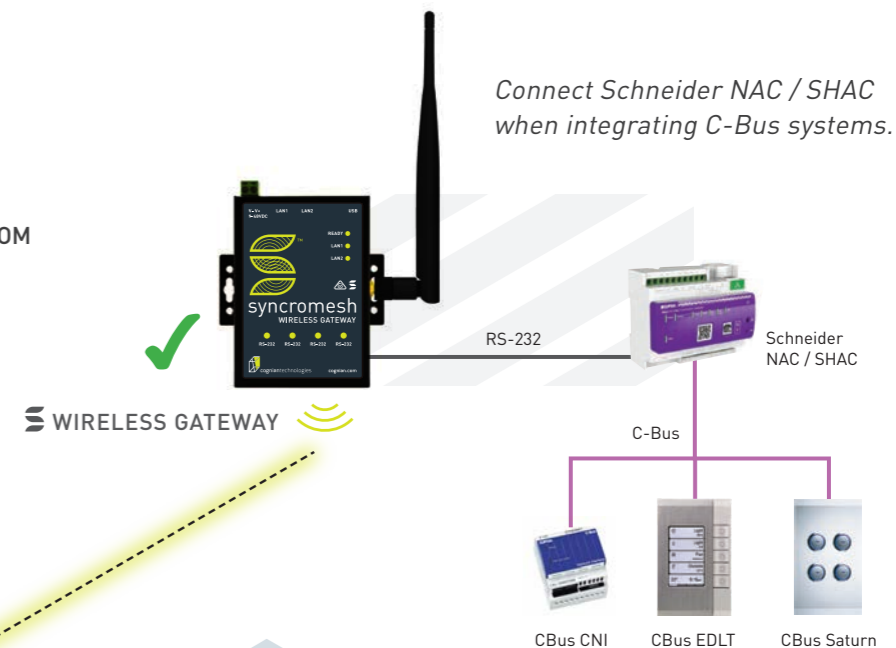**syncromesh**
WIRELESS GATEWAY

V- V+   LAN1   LAN2   USB
9-48VDC

READY
LAN1
LAN2

RS-232   RS-232   RS-232   RS-232

cogniantechnologies   cognian.com

OFF
ON

syncromesh
AIR CONNECTOR

cognian technologies   cognian.com

Scalable.
Simple.
Secure.

cogniantechnologies

SYNCROMESH SYSTEM SET-UP

1

SYNCROMESH WIRELESS GATEWAY IS INSTALLED IN THE SWITCHBOARD ROOM

Connect Schneider NAC / SHAC when integrating C-Bus systems.

syncromesh
WIRELESS GATEWAY

S WIRELESS GATEWAY

RS-232

Schneider NAC / SHAC

C-Bus

CBus CNI   CBus EDLT   CBus Saturn

2

SYNCROMESH DEVICES ARE INSTALLED NEAR OR IN LUMINAIRES

syncromesh
WDI

S WDI

DALI-2 Sensor

DALI-2 Switch
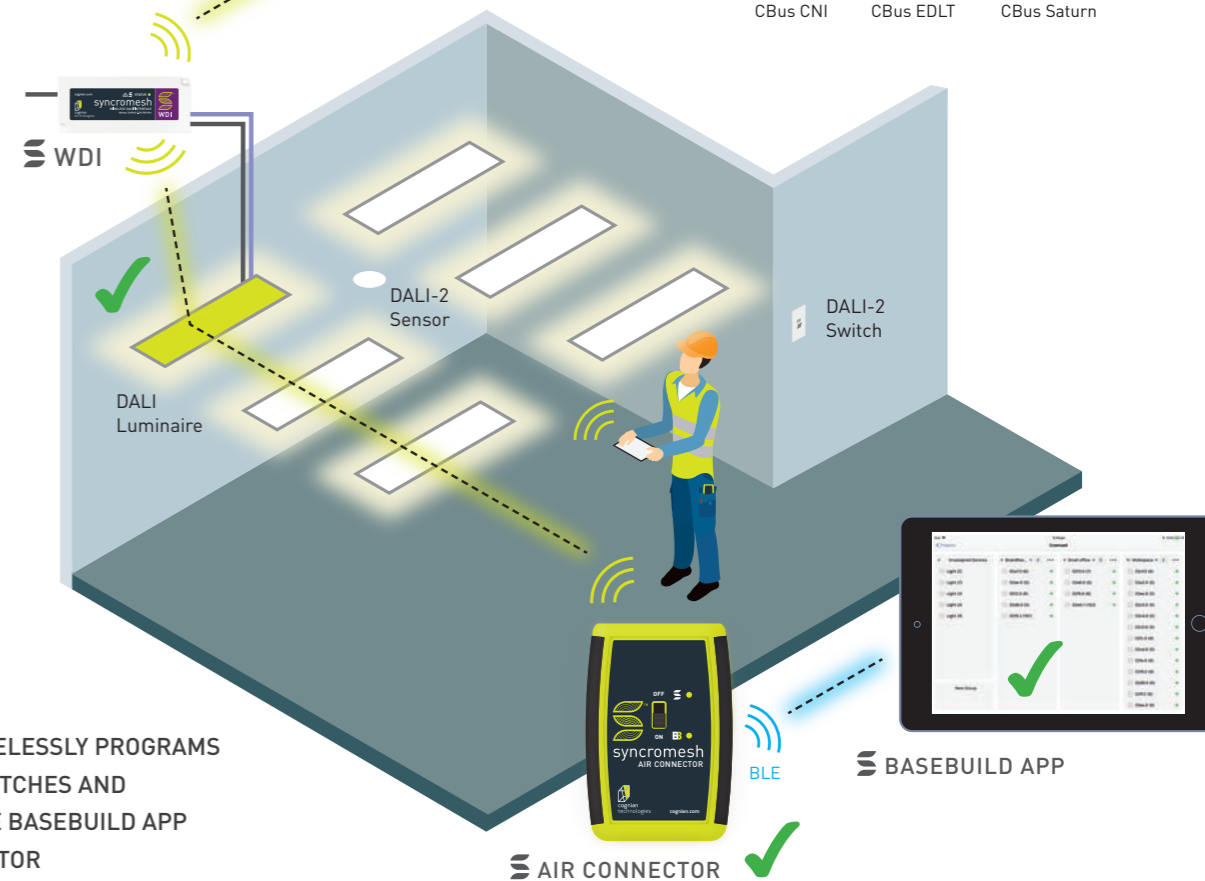
DALI Luminaire

3

TECHNICIAN WIRELESSLY PROGRAMS LUMINAIRES, SWITCHES AND SENSORS VIA THE BASEBUILD APP AND AIR CONNECTOR

OFF
ON
syncromesh
AIR CONNECTOR

BLE

S BASEBUILD APP

S AIR CONNECTOR

Making every building a smart building

syncromesh

A SYNCROMESH INTEGRATED SYSTEM

Syncromesh is a two-way wireless integrated system, designed for the density and scalability needs of large commercial environments.

Syncromesh wireless tools make it easy to set up and configure whole buildings.

SYNCROMESH KEY BENEFITS:

- Configure luminaires, switches and sensors directly from the BaseBuild app without wi-fi or internet.

- Eliminate time wasted due to costly cabling errors. Without control system wires, the system integrator has total freedom to wirelessly group lights.

- Drastically speed up configuration time. DALI addressing is performed in parallel across thousands of devices in an instant.

- Lights are sorted and identified quickly by their physical location.

- Field control cabling no longer needs to be documented, as control cables do not exist.

- Creates a wireless canopy for tracking and location services.

1

SYNCROMESH MAKES IT POSSIBLE TO UTILISE EXISTING COMMERCIALISED PRODUCTS AS WIRELESS ENDPOINTS

DALI-2 Switch · Emergency Light · Light · DALI-2 Sensor · People / Asset Tracking

2

SYNCROMESH ORCHESTRATES COMMUNICATION BETWEEN DIFFERENT BRANDS AND TECHNOLOGIES

HVAC

Reporting Panel

BACnet

Ethernet

Serial

C-Bus2

EDLT

Clipsal Platinum Buttons

UI App

CNI

Audio Visual

AUX

Security

BMS Devices

iBeacon Server

Emergency Controller

Weather · Cameras · Blinds · Access

3

SYNCROMESH CAN BE SIMPLY RETRO-FITTED INTO EXISTING BUILDINGS OR INCORPORATED INTO NEW STRUCTURES