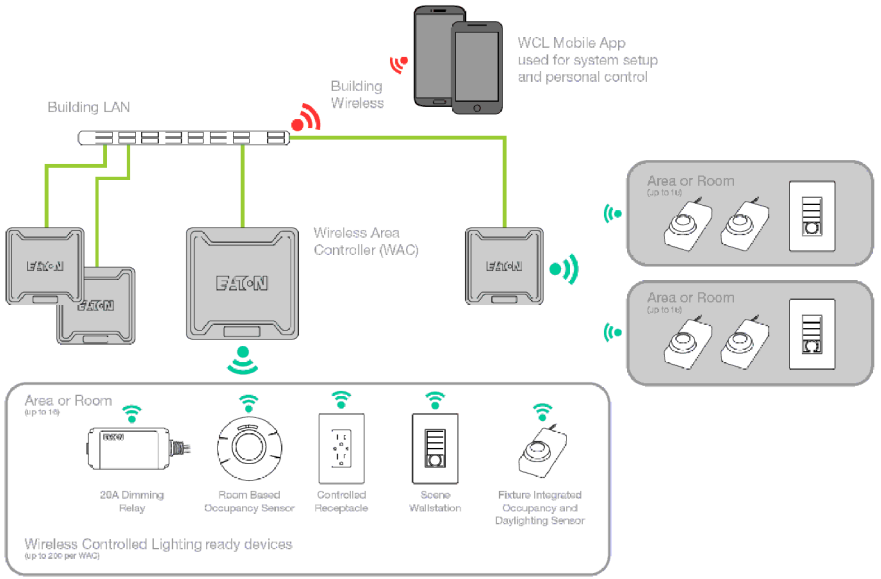
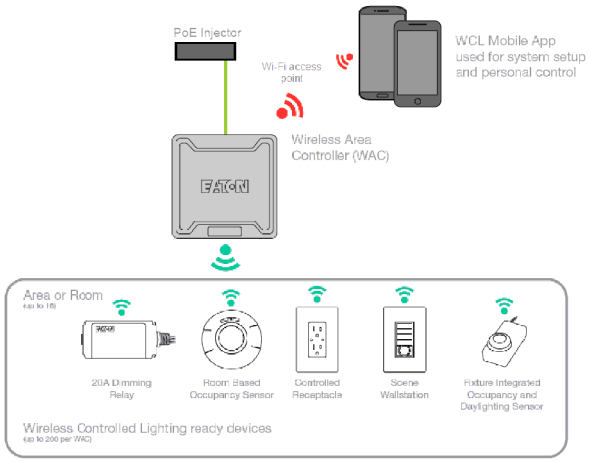


Connected to the corporate IT network via Ethernet:

The Wireless Area Controller connects to the corporate network via PoE switch or power injector and must have Ethernet access. This is required for certain features such as BACnet® integration or future smart building integration features.

- This can also accommodate setting up separate networks for your lighting control or building systems than your business information network such as a VLAN.
- Wi-Fi is used for communications from the phone smart device to the Wireless Area Controllers for programming, configuration and personal control through the use of the WaveLinx mobile application
- The available Wi-Fi access point in the Wireless Area Controller is automatically disabled as soon as it is connected to the Ethernet and receives an IP address from the corporate network.



Dedicated WaveLinx Network:

The Wireless Area Controller does not connect to the physical corporate IT network at all. This means the Wireless Area Controller is setup as a Wi-Fi access point and the WaveLinx mobile application connects directly to the Wireless Area Controller using WPA2 wireless encryption and secure network username and password.

- The Wireless Area Controller uses AES 128-bit encryption for all device to device network communications.
- Wi-Fi is used for communications from the phone smart device to the Wireless Area Controllers for programming, configuration and personal control through the use of the WaveLinx mobile application
- The available Wi-Fi access point in the Wireless Area Controller is automatically disabled if it is connected to the Ethernet and receives an IP address from the corporate network.

WaveLinx 7-layer security assurance

.

Physical Security | Customer Security | Device Security | Network Security | Network Segmentation | OTA Update Security | Eaton COE Assurance

WaveLinx
WIRING DIAGRAM

TITLE: LIGHTING CONTROLS
WaveLinx System

THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF EATON CORPORATION. IT IS DISCLOSED IN CONFIDENCE AND IS NOT TO BE REPRODUCED, USED, OR DISCLOSED EXCEPT FOR THE PURPOSE FOR WHICH FURNISHED.

DRAWN: M.A.L	DATE: 8/25/2016	PROJ:	
CH'KD: X.X.	SCALE: NTS		
APPR: X.X.	SHEET: 1/1	DWG #:	E10
	SIZE:		

DATE	REV	DESCRIPTION	BY
		REVISION TABLE	