



## Wired for Reliability

### Why Blyx Is a Wired Solution

Blyx is a wired solution between the control board and the switch, using a single Cat6 cable that delivers both power and data. This ensures a stable, high-performance connection—critical when data reliability matters most.

While the control boards do have onboard Wi-Fi and Bluetooth capabilities, they still require power. Because Blyx controllers manage multiple functions, battery power alone wouldn't provide the consistency or duration needed. Rather than running separate power and data cables, we streamline both through one Cat6 cable.

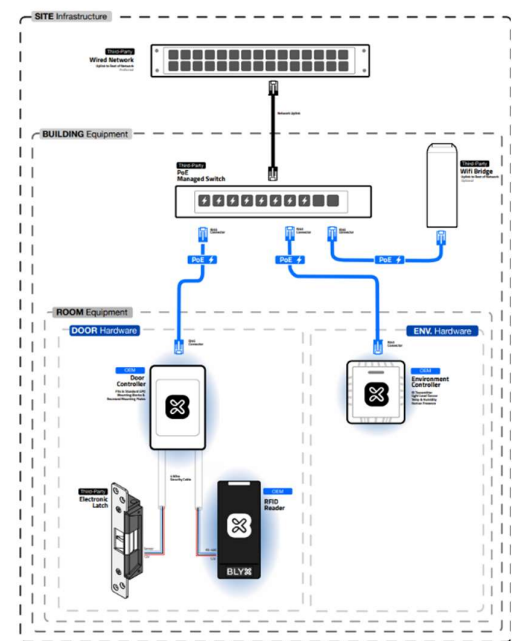
This wiring is only required within the building. For external connections—such as linking the building to central services—clients can choose between Wi-Fi or a hardwired option, depending on site infrastructure. Most sites run fibre to buildings, and Blyx connects directly into this for the most consistent and effective performance. We can also connect to a site's Wi-Fi network where fibre isn't available.

Wireless solutions often fall short in key areas. Many cannot perform a true remote unlock—instead, they maintain a direct relationship between the credential and the lock, much like a traditional key. If a swipe card is lost or stolen, or a guest has locked themselves out, someone must physically go to the door to reprogram or open it. Master keys often require manual reprogramming at each door as well, increasing the time and effort required to maintain security.

So while Blyx isn't fully wireless, we've designed the system to keep cabling minimal and performance high. Wireless may offer short-term cost savings, but it often limits functionality—Blyx is built for capability and reliability.

Equipment Infrastructure Levels

**BLYX**



[www.Blyx.com.au](http://www.Blyx.com.au)

