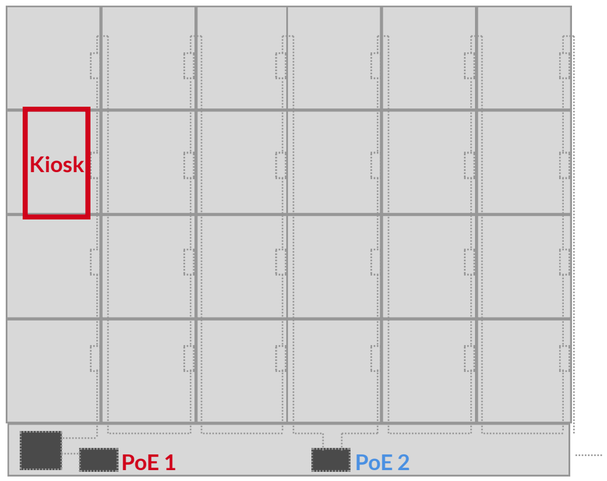
Solution Method “V” - Using Smartalock “Unlock Box” When Mains Power is Working

The Smartalock Unlock Box is a special version of a locker circuit board that sends unlock commands to all lockers it can reach over a locker cable. Use the Unlock Box to open all the lockers in an emergency where the locker banks normal controller has failed. The Unlock box is inserted in place of the normal Smartalock controller.

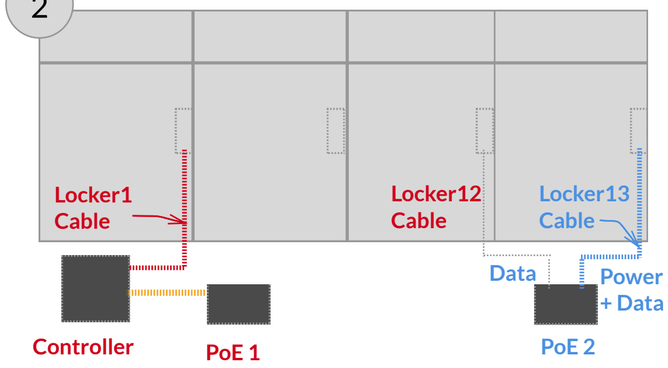
1 Find Controller Box

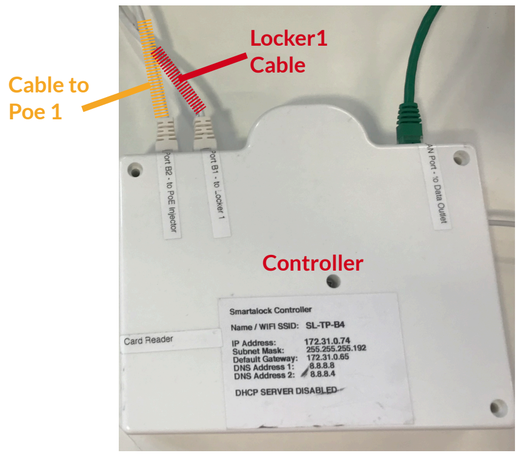


Smartalock Lockers are installed as a daisy chain, with the Controller at the start of the chain connecting to “Locker 1” and then Locker 1 connects to Locker 2 and so on until the end of the chain where the last locker is connected.

The Controller and PoE injectors are locked in the locker kick. The kick should be easily removable as this is part of the joinery specification. Once the kick panel is removed, locate the power outlet that connects to a multibox. This multibox will power the Controller, PoE injectors and Kiosk screen.

2 Identify the correct cable(s) to connect Unlock box to



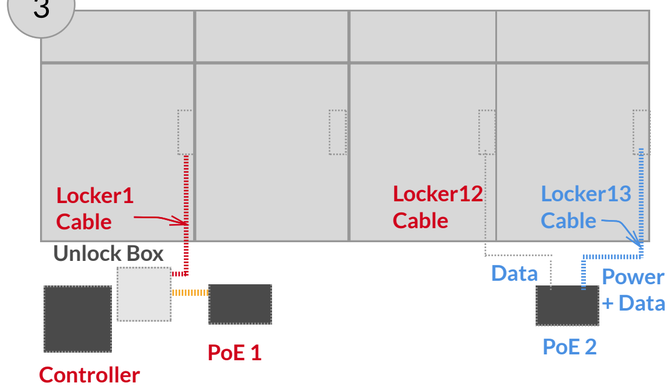


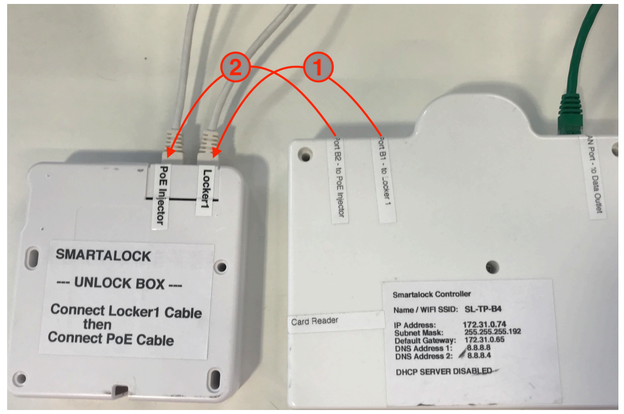
The Unlock box needs to be connected to the “Locker” cable going from the first locker into the Controller “Locker 1” port, and also to the PoE Injector.

First Locate the Controller, and then identify the cables going into the controller for Locker1 and PoE Injector.

Note that the “Locker 1” cable will probably not match up with the lettering or numbering written on the outside of the locker door. Rather “Locker 1” refers tob the first locker physically connected to the Controller.

3 Move Cables to Unlock Box





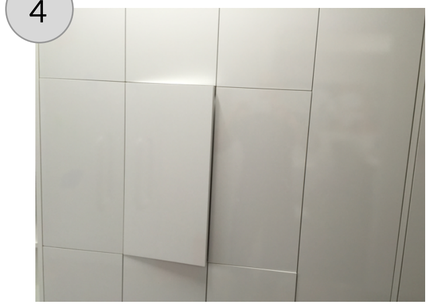
Remove the “Locker 1” cable from the Controller and plug into the Unlock Box. Then Power on the Unlock Box by connecting the PoE cable from the Controller into the Unlock Box.

The lockers connected to this controller will unlock at random. It may take 2 minutes to open all the lockers.

If only some lockers on a group of lockers on same PoE injector unlock then this can indicate a pinched or damaged cable. Move the Unlock box to the end of the segment (for example Locker 12 cable in example bank) to open up the remaining lockers. This will help identify where a failed locker or pinched cable is.

Repeat the process by removing the cable connected to any “Power + Data” port on subsequent PoE injectors,

4 Locker Doors open randomly



The chain of Lockers connected to the Unlock box will open at random. Wait until all the lockers open before powering off the Unlock box battery and moving to the next PoE injector section (if neccesary)