

## Config Challenge

15/04/2020

### **Security Services Access**

#### **User Story:**

As the head of security for a large campus we have a dedicated building for security services staff to operate out of that includes a CCTV control centre as well as the administration of access to the entire campus.

As a result security of this building is paramount and we need to ensure that only members of security staff can enter. As a result we wish to have a double access door system whereby someone has to enter the first door and close it before they can enter the second door.

#### **Details:**

We have a door system that we want to interlock. That is that there is one electronic access door with an NFC Code Touch on both sides of the door, immediately followed by a second door fitted with the same. We want to ensure that the second door can only be unlocked once the first door is closed.

This should also work in the opposite direction as well. This will then ensure that tailgating is not possible through these doors.

#### **A little extra challenge:**

The second door should not be unlockable just because the first door is shut but should be a combination of the first door being shut and someone's key fob presented less than 10 seconds ago to gain entry through the first door. This is two-fold and presents someone waiting for too long in the lobby in between, and also prevents antipassback as they would not be able to exit again through the same door they entered.