

Config Challenge

25/03/2020

Communal Alarm

User Story:

As a business owner and landlord, I own large business premises, which as well as being for my own business use I also sublet two of the spaces to other businesses. Currently, we all set our respective alarms when we leave our own offices, which also does all of the other leaving functions for our units.

However, the one issue is the communal area composed of the entrance, stairwell and common facilities. Currently, the last person to leave their office has to remember to set this, but as this requires going and checking the other offices it is frequently forgotten (or ignored).

I would like it that the last person to leave automatically sets the communal alarm when they set their own office, and the first member of staff that returns unsets the communal alarm.

Details:

There are three different office units in this building, in each one Loxone controls security, lighting, and heating. The communal area is purely motion-based lighting, with a door contact on the front door.

The front door also has an NFC Code Touch for access control.

The last person to leave shuts off their office which also should arm the communal alarm. The first person to arrive unsets the communal area as well as their respective office, but none of the other offices.

A little extra challenge:

The landlord also requires a master key that when presented will disarm all of the units in one go so that they can be checked and maintained.