

Mailbox Nofitier

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Mail or not?

- The struggle not knowing when we got mail



Mailbox Notifier

- Detect when the mailslot has been open
- Notify you by visual and online
 - Flag
 - SMS



Requirements

- When slot is opened
 - Flag is set
 - Sms is to be sent
- When mail is retrieved, the system can be reset with a system reboot

Technical challenges

- Send sms with photon
- Get phone-number with Twilio
- Create integration in console.particle



Hardware

- Sensor to register an open mailslot
 - Analog reading
 - 0 when connected
- Servomotor to set flag



Testing

- Servo motor
 - Power with battery
 - Controle with particle app
 - Set servo-angel
- Sensor (done)
 - Connected it to an analog pin
 - Read from it with particle app
 - Both when connected and disconnected
- SMS (done)
 - Setup twilio account
 - With phone-number
 - Create an integration feature on console.particle
 - Test with test-script

Github

- <https://github.com/stepperen/IOT>

