## Designing, manufacturing and deploying 1000 custom devices. What can go wrong?

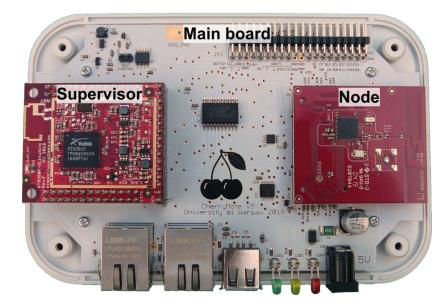
Mateusz Banaszek

16th November 2019

#### The device – outside

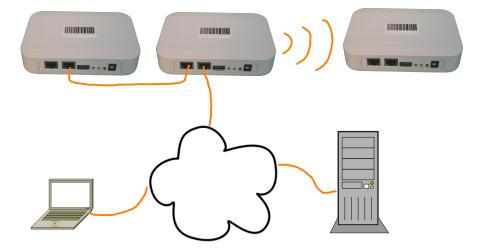


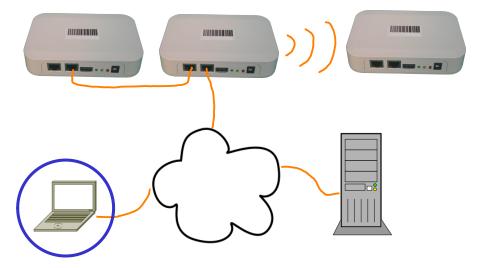
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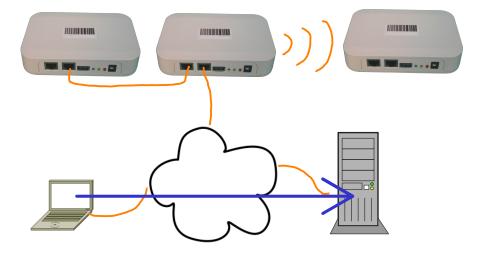


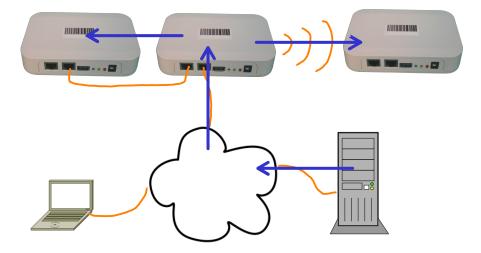
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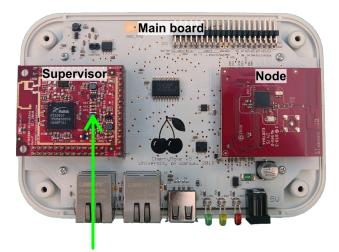
#### The device - network

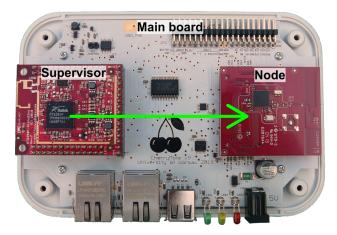


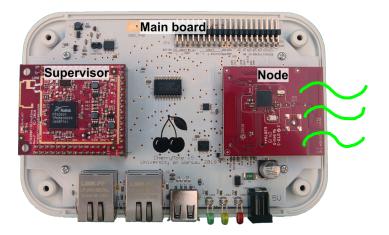


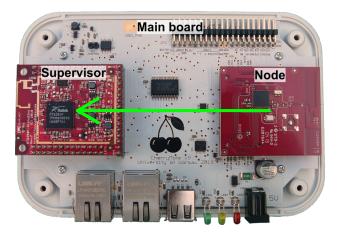


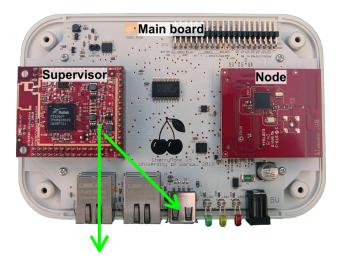


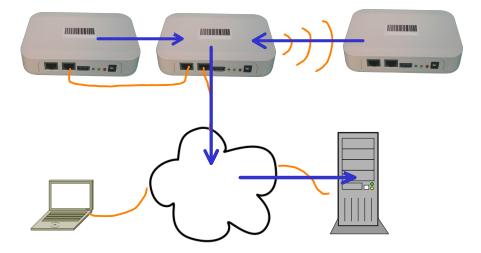


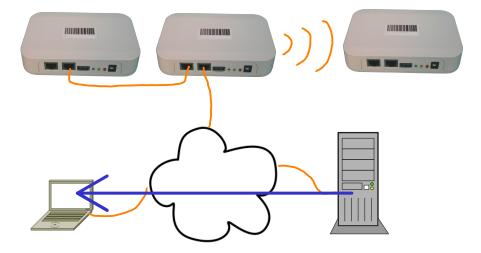








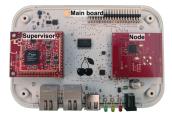


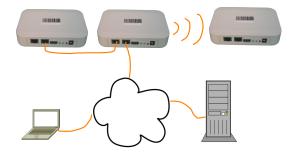


# What can go wrong?

#### What can go wrong?







designing, manufacturing, deploying

Mateusz Banaszek

1000 devices: What can go wrong?

1000 devices



## Expect unexpected



## Expect unexpected

## Thank you!

Mateusz Banaszek

1000 devices: What can go wrong?

16th November 2019 18 / 18