

PBaaS - Transport

Addressing dangerous goods transport, using blockchain and IoT

Permissioned Blockchain as a Service.

Understanding the problems

Ol Poor Regulation

O2 Limited Oversight

O3 Slow & Unresponsive

Project Objective

Ol Streamlining a process in cost effective way

O2 Common view to build a trust between parties

O3 Handling a time critical issues at the source of the event

Solution

B2B

Own
IT

Blockchain
Services

Gov

Oldon Generating context with IoT devices

- O2 Sharing it in a secure, private, permissioned rules over blockchain
- O3 Delegating services, depending on a rules with parties involved

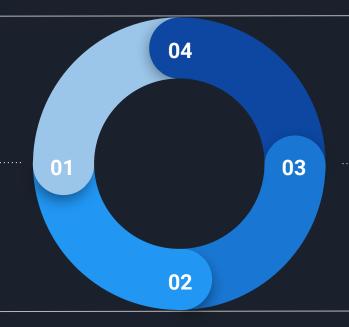
Use Case: Transfering Dangerous Goods



Authorized person interested critical events.

Service Provider

Providers blockchain infrastructure.



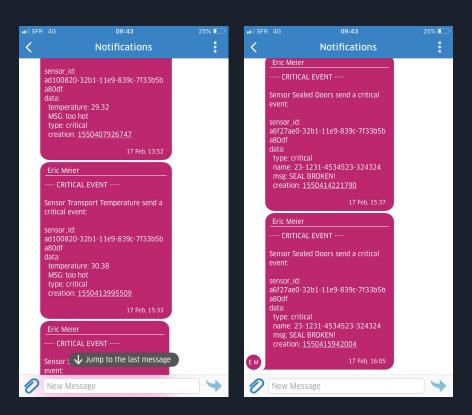
Logistics

Transfering sealed dangerous goods.

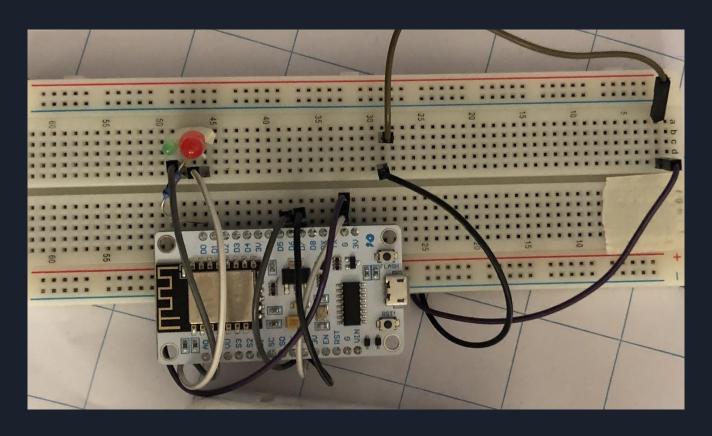
IoT Provider

Providers Internet of Things sensors.

Critical Event in Rainbow



Arduino smart lock (ESP8266)



Permissioned Web Client

