



PBaaS - Transport

Addressing dangerous goods transport, using
blockchain and IoT

Permissioned Blockchain as a Service.



Understanding the problems

01 Poor Regulation

02 Limited Oversight

03 Slow & Unresponsive



Project Objective

- 01 Streamlining a process in cost effective way
- 02 Common view to build a trust between parties
- 03 Handling a time critical issues at the source of the event

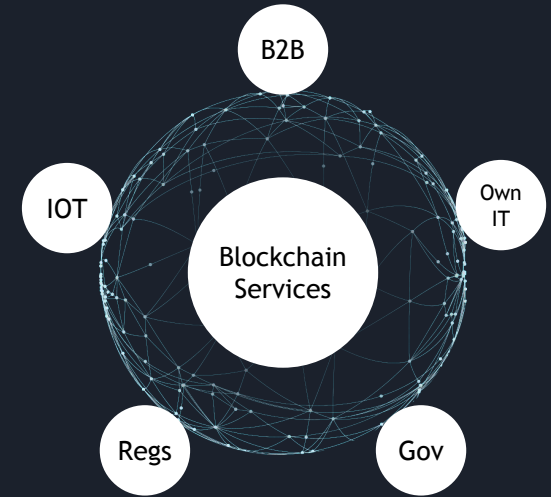


Solution

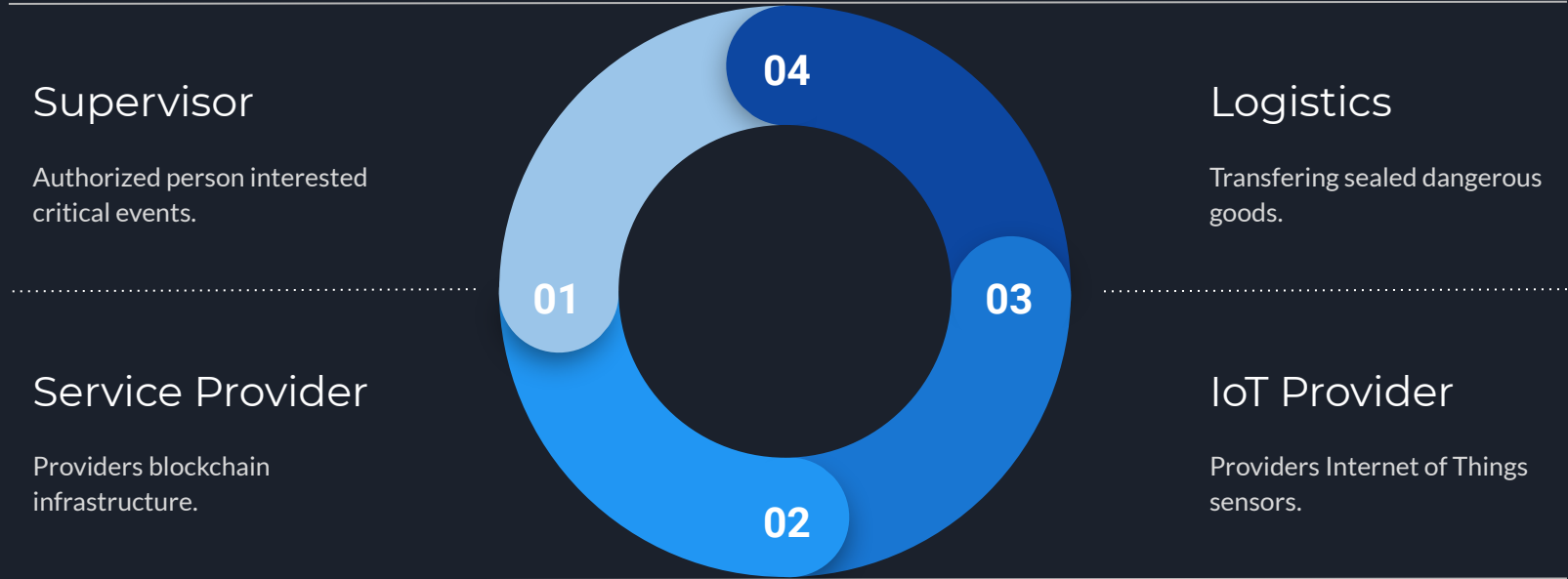
01 Generating context with IoT devices

02 Sharing it in a secure, private, permissioned rules over blockchain

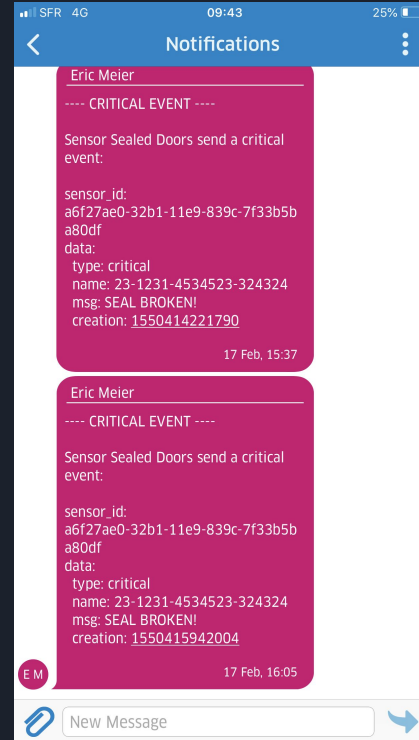
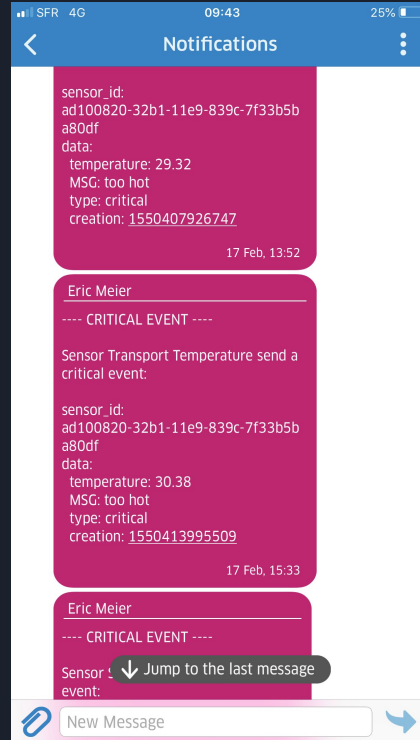
03 Delegating services, depending on a rules with parties involved



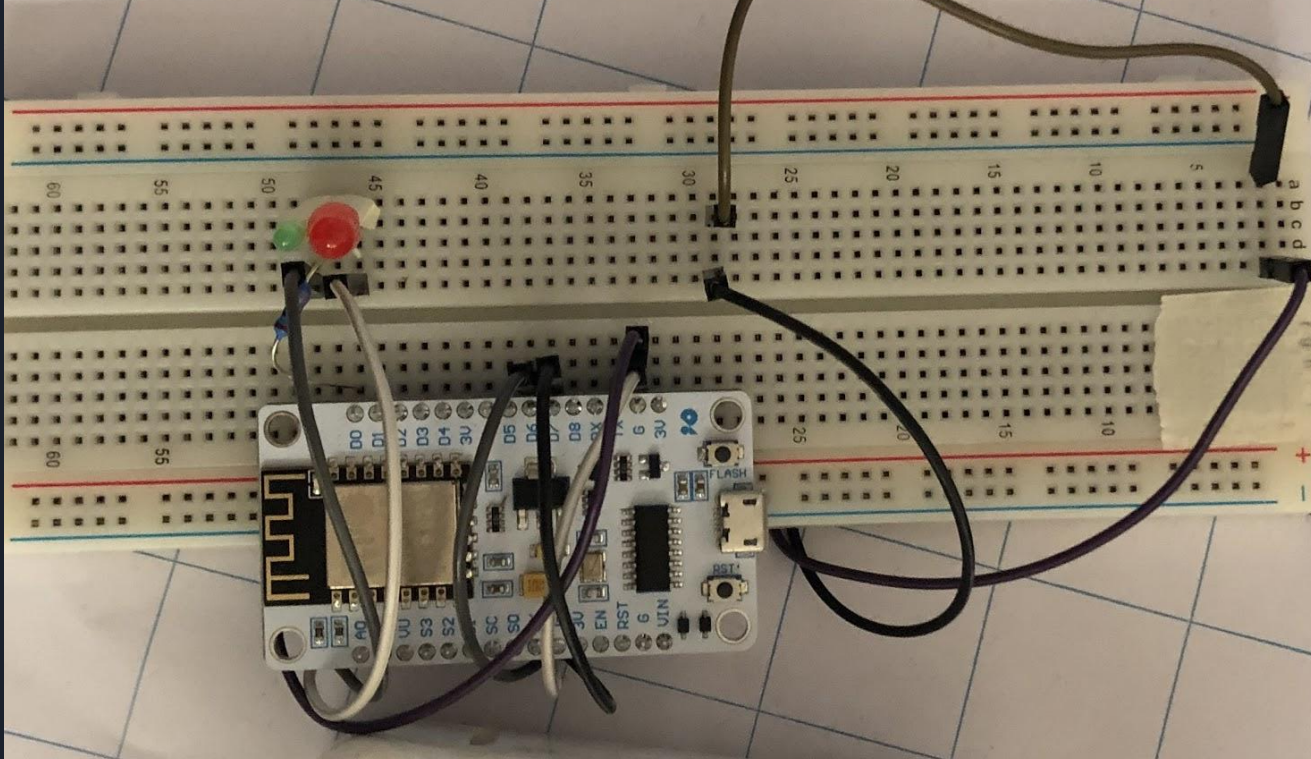
Use Case: Transferring Dangerous Goods



Critical Event in Rainbow



Arduino smart lock (ESP8266)



Permissioned Web Client

