

Ahead of change



CODE.STAR
ORDINA

INTRODUCTION

E2E IoT solutions for the business of enterprises

4 maart 2021

CODE.STAR*

Wie zijn we?

- WHO WE ARE

We are Craftsmen that help our customers to make a difference.

We work together as a High-Performance Team.

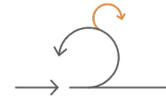
We are always on top of technology.

We are passionate and slightly rebellious



- WHAT WE DO

We breathe Agile



We experiment by starting MVP's and iterate to enterprise level

'streaming data platforms' including frontend apps'



We share knowledge and work together in a partnership

We deliver WORKING CODE, not empty promises or marketing speech



- HOW WE DO IT

We enable real time decision making for the support of business critical services.



We promise 24/7 available, high performing & scalable solutions*

**by using the Functional Programming paradigm, the Reactive Manifesto and Cloud compute power.*

CODE.STAR

Wie zijn we?



Codestar customers are

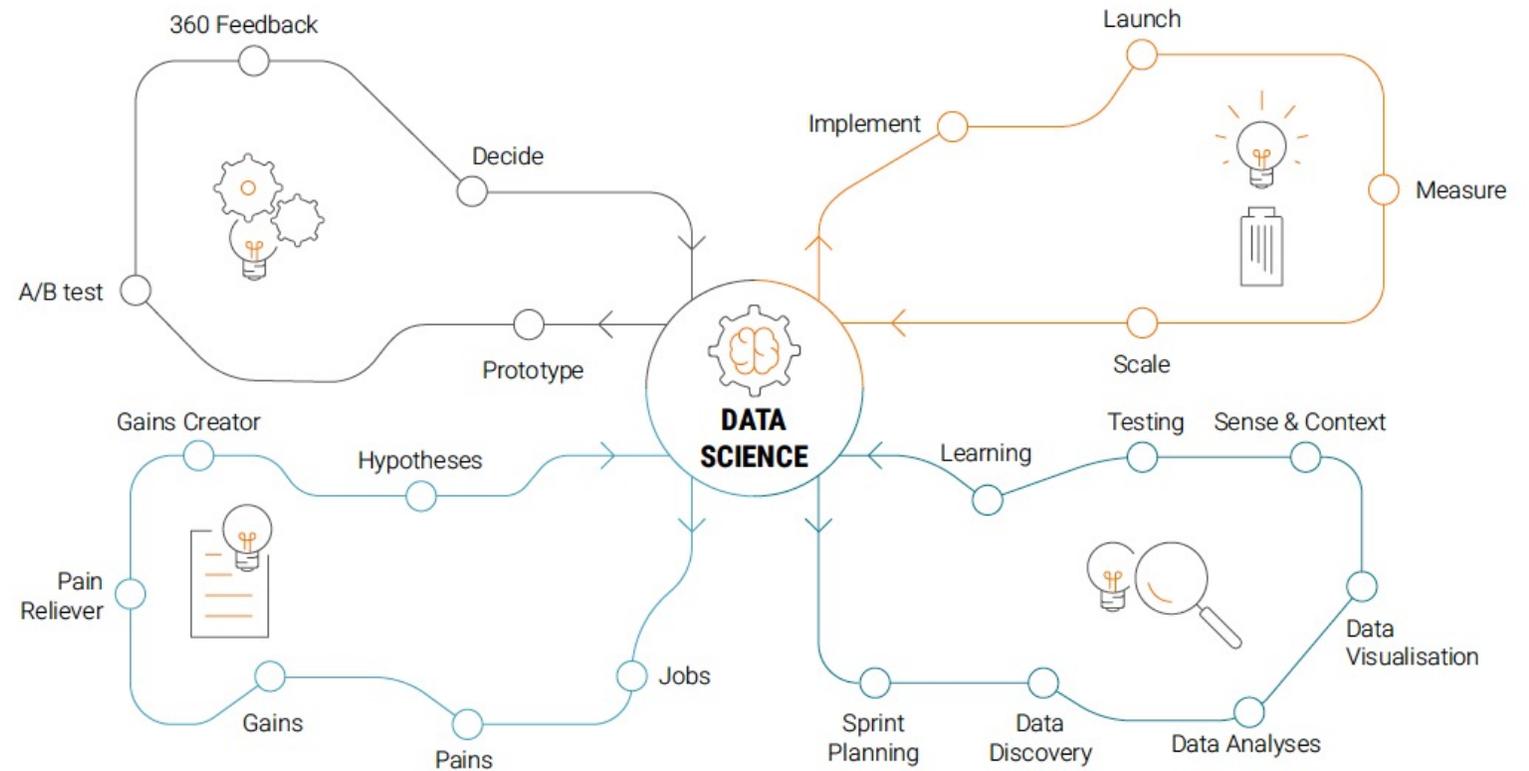
Open to change, innovate through business technology experiments.

Believe in the power of (IoT) data combined with technology to stay relevant.

Are looking for IT partnerships for true added value

DATA2VALUE APPROACH

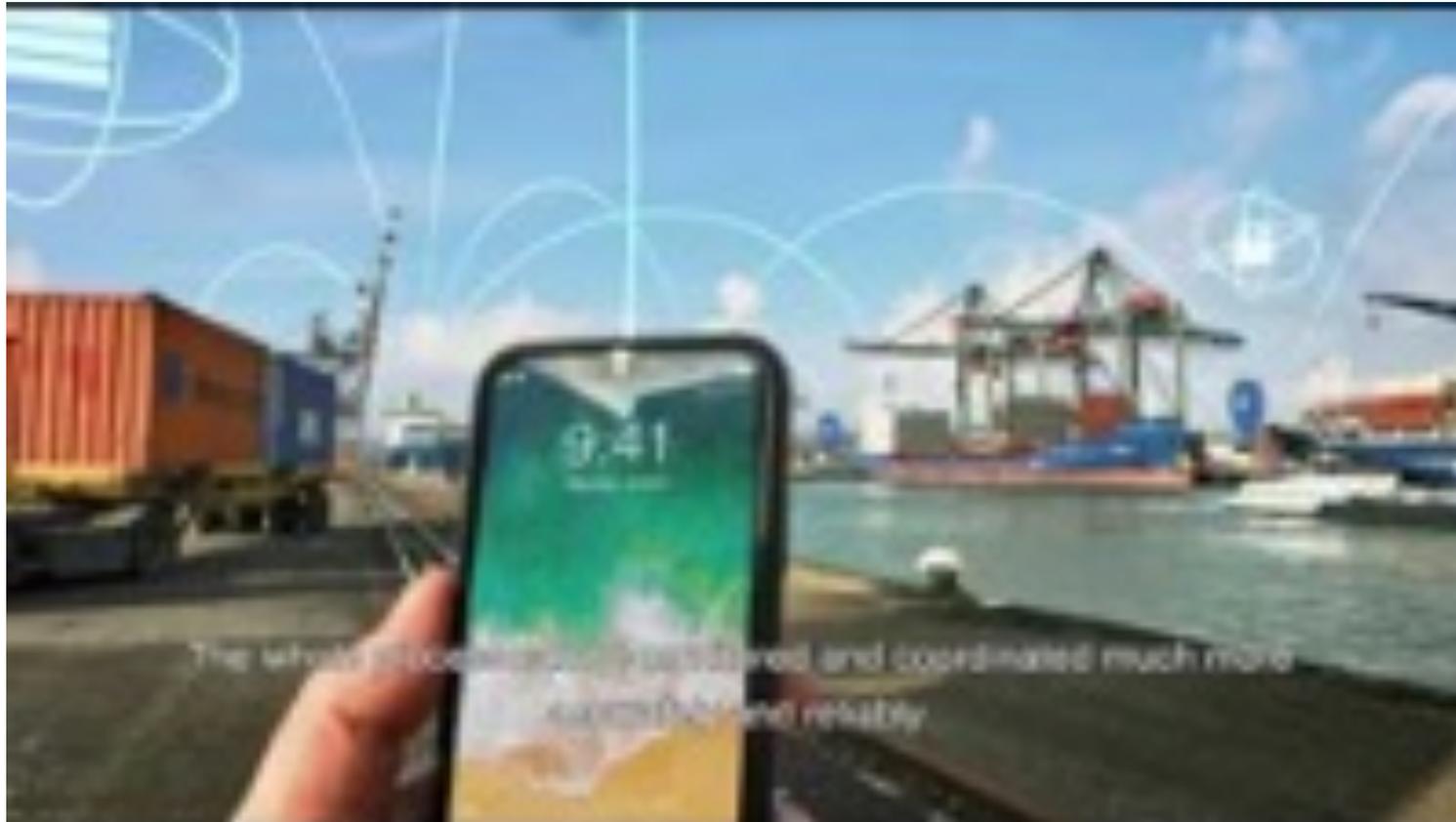
From hypotheses to implementation



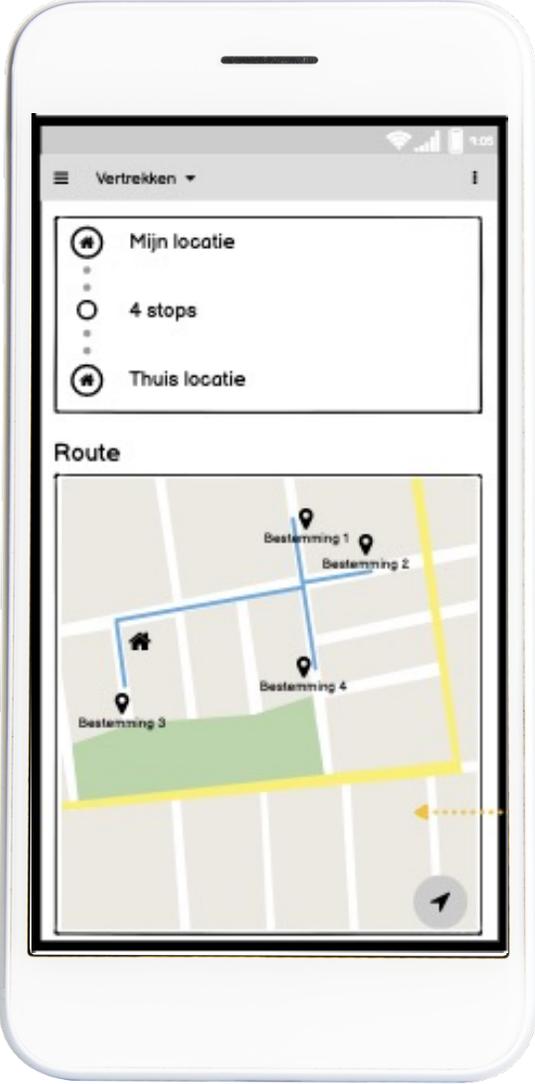
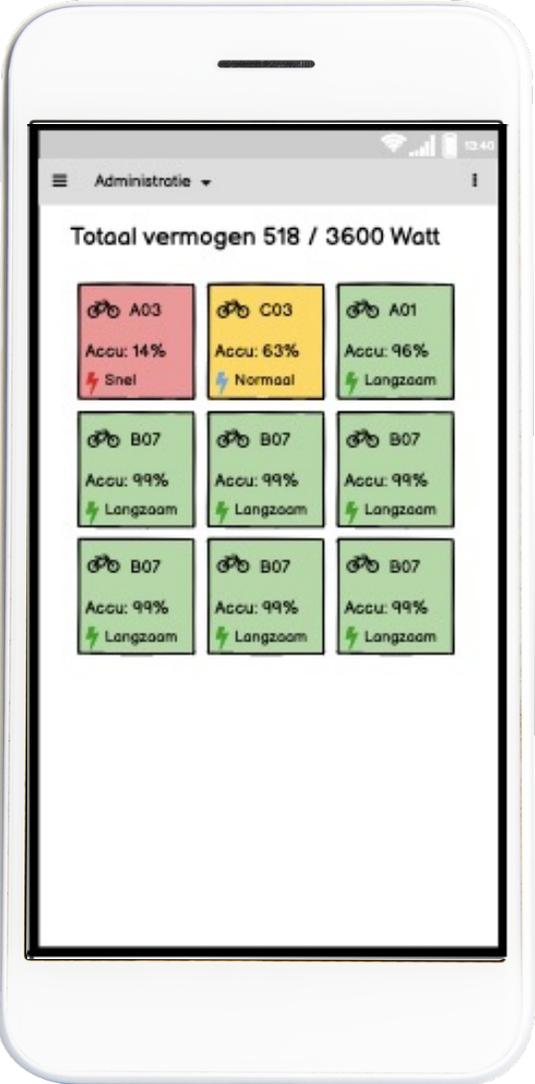
<https://www.ordina.nl/leaflet-data2value-slim-waarde-toevoegen-van-waarde-met-data-science/>

CUSTOMER CASE

PortXchange – Port call optimisation Port of Rotterdam



CASE – APP DESIGN FOR IOT DATA BASED SOLUTION





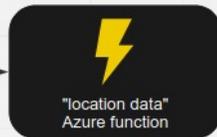
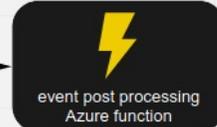
KPN IoT platform

LoRa/LTE and sensors tile

Send data (current, charge, temp)

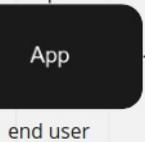


Azure Cloud



Frontend

Send data (location)



administrator



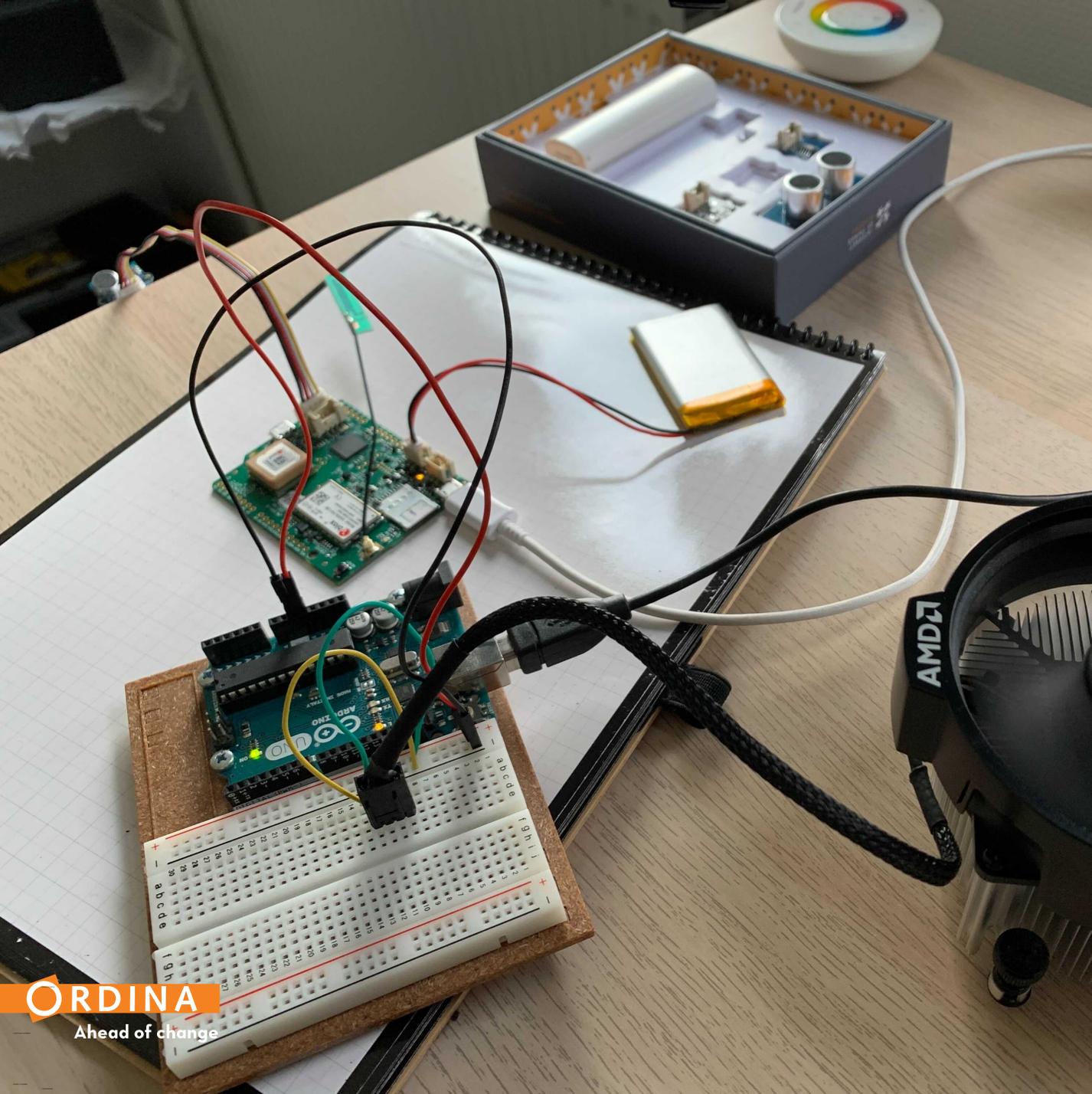
Webapp

Jumpstart your IoT Solution with this on demand Architecture & expertise

KPN IOT, AZURE CLOUD & ORDINA SERVICES

- Functions/lambda's
- Elastic Scalable
- Pay per use based infra





KPN IoT & Ordina solution

**PROVEN
ARCHITECTURE** 😊

REFERENCE CASE – BOMBARDIER – ASSET TRACKING

BOMBARDIER



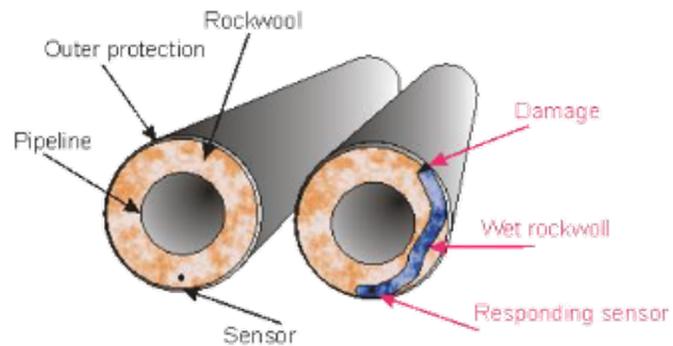
- Manufacturer of rail vehicles based in Brugge
- **Challenge:** track parts and components within European supply chain
- **Mission:** design and develop IoT service platform
- **Technology:** SAP Cloud platform
- **Result:** less material loss, operational efficiency, better predictability
- <https://www.youtube.com/watch?v=jBGCEogM-ZA>



PIPELINE CORROSION MONITORING

Solution

- 📷 Measurement of corrosion conditions under isolation by installing percolation-sensors parallel to piping (in isolation)
- ⚠️ Detect / alert the damages through increase in resistance
- 📡 Send measurement via LPWAN to central repository for storage



The logo for ORDINA, featuring the word "ORDINA" in white capital letters on an orange rectangular background. The letter "O" is stylized as a white circle with a white outline.

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REFERENCE CASE – PROXIMUS – VOORRAAD BEHEER

Extern voorraadbeheer



<https://youtu.be/g-HAUUCL0gY>

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