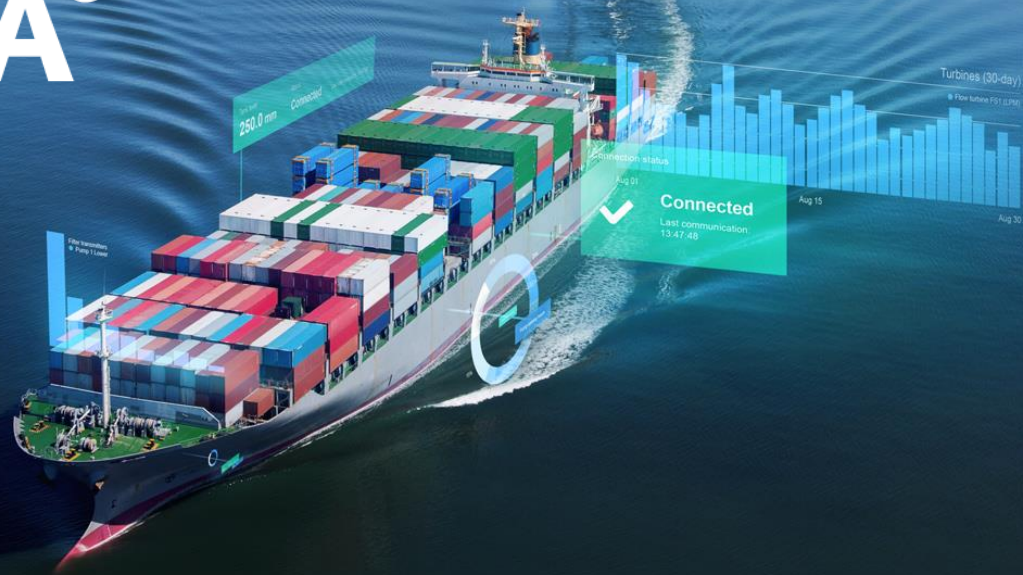# REGATTA®

ANALYTICS

Miika Valtonen
Senior Solution Architect

REMION
Digitizing machine business.

REMION

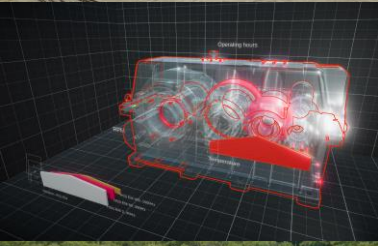## Digitizing machine business.

A flexible industrial IoT system integrator
specialized in data analytics and visualization

100+ SUCCESSFUL IOT PROJECTS SINCE 2001

> 20000 MACHINES AND DEVICES MONITORED AROUND THE WORLD

OVER 2.8 MILLION SENSORS IN ACTIVE USE

framery **Smart Booth**

CASE STUDY

"Not everything that can be counted counts, and not everything that counts can be counted."

ALBERT EINSTEIN

In the Beginning…

There was a Booth named **O**… that could

- Protect its users from the outside **noise**
- Provide a **work light**
- Recycle **bad air out** of the booth

In addition, it is

- Practical
- Space-efficient
- Stylish
- …

Adventure starts

We discussed with Framery about their **needs, vision and plans** with O.
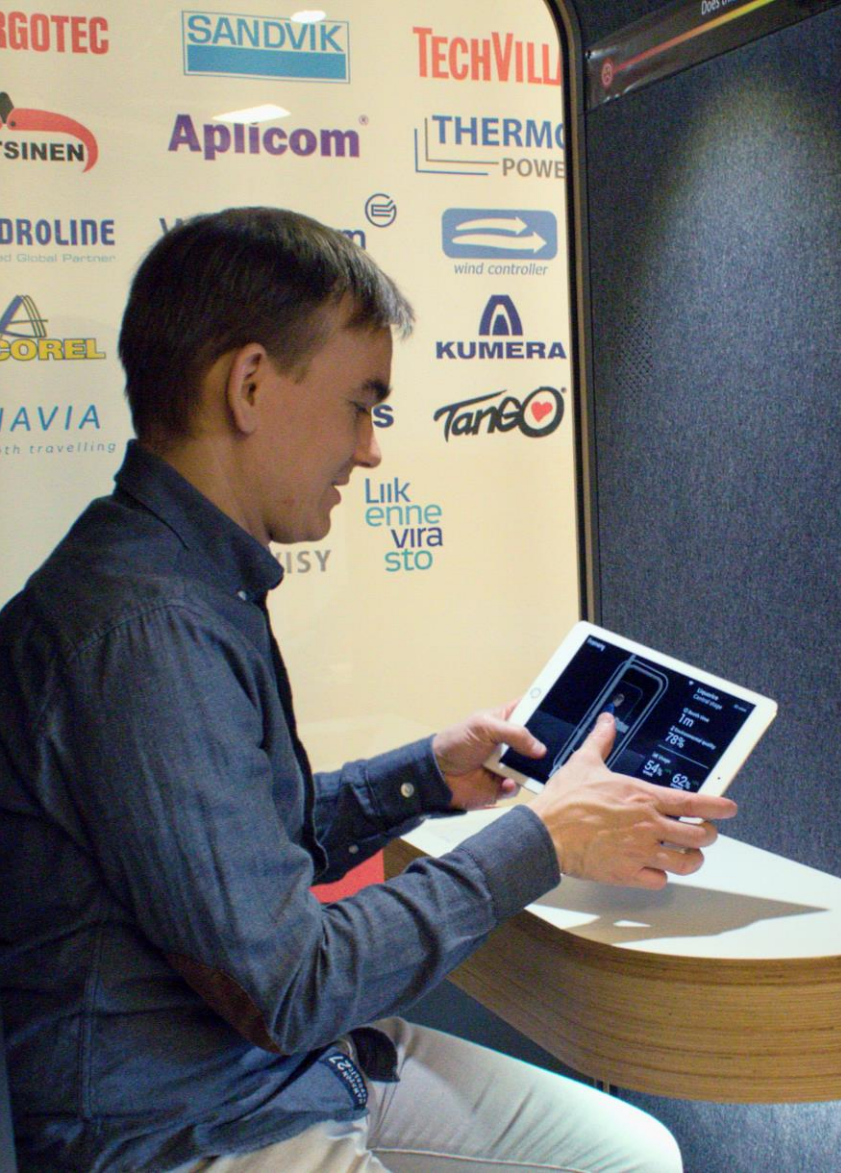
However, **to create that value**, they did not have all the **expertise nor time**.

We agreed on a common project to make **O**... into a **Smart Booth**.

Making it Smart

Sensors to detect **presence, posture, door angle,** gestural **feedback** and **environmental quality** plus **RGB lights** for interaction

Data processing algorithms to recognize **activities**, calculate **indices** and temporal **averages**, …

Realtime and easily-understandable **visualizations**, **alerts** and **weekly reports**

Search

1. Status ▾ | Reports | Signals | Map | Events | Properties | TV test

+ Add widget

◀ 7 days ▶

Booth status

Booth available

Outside status

Someone nearby

Environmental quality (1w*)

Score: 85%

Feedback (latest) (1w*)

Last score: 10

Time in booth (1w*)

Booth time (min)

150

100

50

0

Oct 11 Oct 12 Oct 13 Oct 14 Oct 15 Oct 16 Oct 17
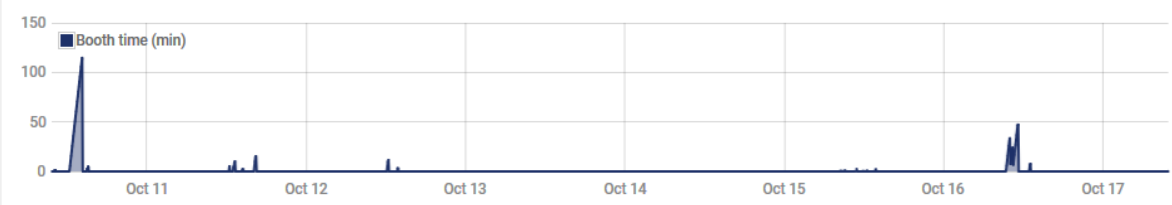
Environmental subindices (1w*)

100

CO2 Wellness Index (%)

75

Temperature Wellness Index (%)

50

Humidity Wellness Index

25

0

Oct 11 Oct 12 Oct 13 Oct 14 Oct 15 Oct 16 Oct 17
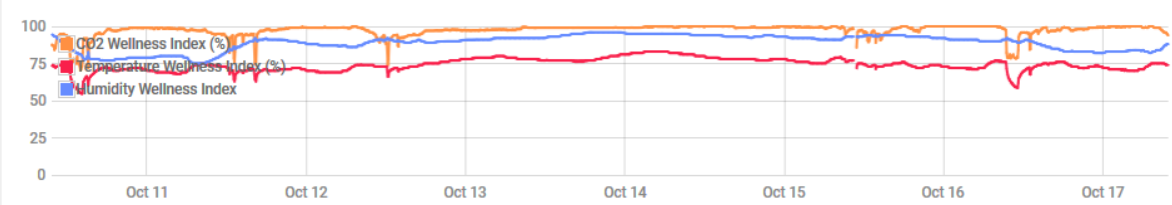
Hourly average feedback score (1w)

10.0

Feedback (0..10)

7.5

5.0

2.5

0.0

Oct 11 Oct 12 Oct 13 Oct 14 Oct 15 Oct 16 Oct 17

framery

Liquorice

Central stage

🕐 **Booth time**

1h 12min
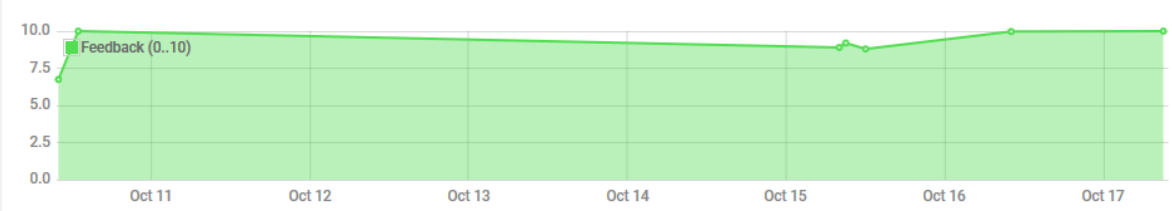
🌡 **Environmental quality**

77%

📊 **Usage**

48%
week

37%
month

☺ **Feedback**

9.1 / 10

Return to fleet view

POWERED BY REMION

⚙ Development Build

Fleet management

We **love** to expand our thinking always towards *system-of-systems thinking*, in which the whole fleet is taken into account in the **value creation process**

Value Creation

framery Smart Booths

Fleet-wide data collection of usage, user feedback, technical operation, air quality, …

REGATTA®

Analysis and visualization with fleet management and AI options

Users
Availability, usability

Facility manager
Utilization rate, layout, environmental quality

HR manager
User happiness, usage diary

Building architect
People flow, usage type

Designers
Usage types and feedback

Service personnel
Technical operation and problems

Brand manager
Feedback score

Sales personnel
Geographical and customer-specific utilization

Retrospective

1. We were given **a good product** to be made Smart

2. We wanted to **understand** our customer to **create valuable outcome**

3. We applied our **data collection, processing and visualization skills**

4. We provided the **results to Framery** for evaluation and development into **possible future products**

Readiness Survey

Identify IoT business opportunities

IoT Consulting

Support your business with IoT

Service Design

Develop your ideas effectively

Data Analytics

Make good and timely decision with your business or IoT data

Regatta® IoT Solution

Build end-to-end IoT services with our industrially tested products

Artificial Intelligence

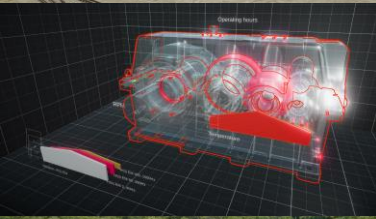Understand IoT data and create significant cost savings

Training and Support

Maintain yourself and IoT systems with up-to-date knowledge

Security

Ensure you are using up-to-date security solutions with you customers

REMION
Digitizing machine business.

framery

EPEC

SCANCLIMBER®

Rolls-Royce®

SIEMENS

CONLOG

MACGREGOR

BRONTO SKYLIFT

TECHVILLA

Aplicom®

SANDVIK

KUMERA

MANTSINEN

VAHTERUS

Tango

ORWAK®

Wennstrom

Liikenne virasto

THERMO POWER

morehouse

ASCOREL

FINAVIA
for smooth travelling

THT

HELPTEN

VISY

wind controller

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