



REGATTA[®]

Data-driven decisions

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CEO

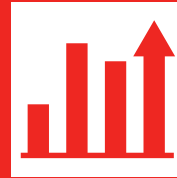
REMION
Digitizing machine business.

REMION

Trusted Industrial IoT Ecosystem Partner



150+
IIOT PROJECTS
SINCE 2001



BILLIONS OF EUR
WORTH MACHINES AND
DEVICES MONITORED

Selected Customers



KONGSBERG



KONEGRANES®
Lifting Businesses™



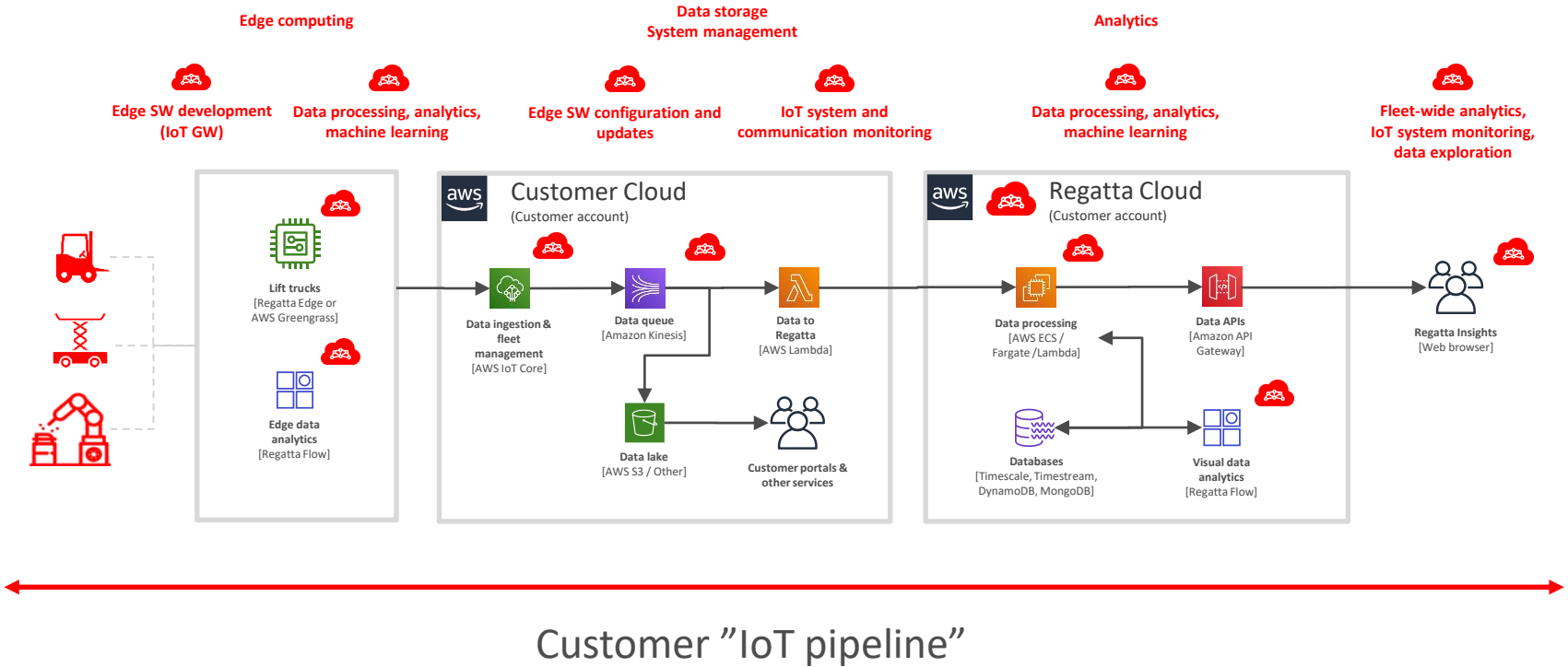
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Our offering

Regatta in modern IoT environments

We work as a partner with long-term experience and proven solutions





Value proposition

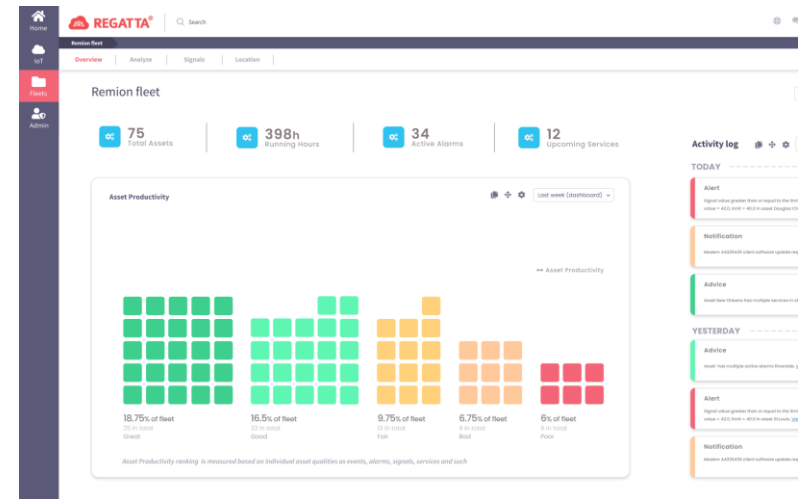
Data-driven decisions from real-time machine data

With Regatta solution we can create value by improving

- Asset efficiency
- Product quality
- Factory productivity

And steps to do that

1. Connect & collect data from machines to data lake
 - ✓ Real-time visibility of end-to-end processes
2. Add machine learning components
 - ✓ Enrich the data
3. Visualize the information
 - ✓ Enable data-driven decisions





Value proposition

We're supporting ecosystem development



Companies

Companies

Companies

Companies

Companies

Business applications

- Condition monitoring
- Ecological performance
- Preventive maintenance
- Remote services

Ecosystem

- Service innovation
- Artificial intelligence
- Data sharing

APIs

Management interfaces

Remion

REGATTA®

- Data collection
- Fleet management
- Data analytics

- Fleet optimization
- User interfaces

aws CLOUD PLATFORM



100 000 machines around the world



REMION



Unique selling points

Why Regatta?



- Regatta is a field-proven platform with **complete set of IoT features**



- Our **expertise and tools** make the development fast



- We are offering **long-term support (LTS)** for the platform



- We support **ecosystem development**



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References

Case Konecranes: Predictive maintenance of Ilmatar crane

@DigiTwin project 2018-2019

More information available from:

<https://www.aalto.fi/en/industrial-internet-campus/digitwin-demo-day-22112019>

Enriching Digital Twin Data

FOR DEEPER UNDERSTANDING OF BRAKE SYSTEM HEALTH

Digital Twin
of Ilmatar



Understandable information for
*operators, service personnel and crane
owners*

- Proactive crane services
- Less maintenance breaks



Ilmatar

TRUCONNECT® Remote Monitoring



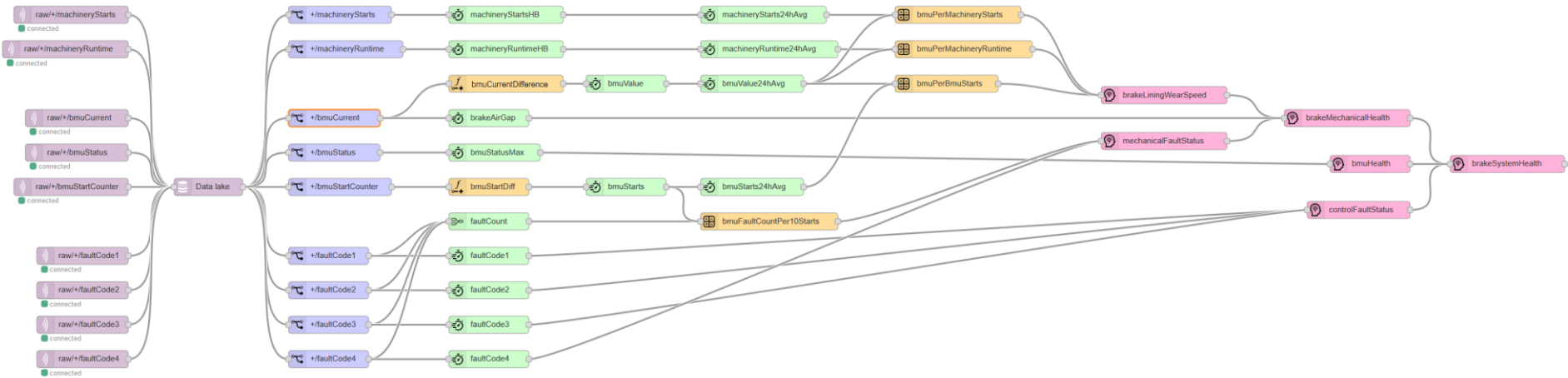
Ilmatar

Brake Monitoring Unit (BMU)



Regatta Flow

Brake Monitoring Flow



Data ingestion

Data selection

Signal processing

Fuzzy inference (AI)

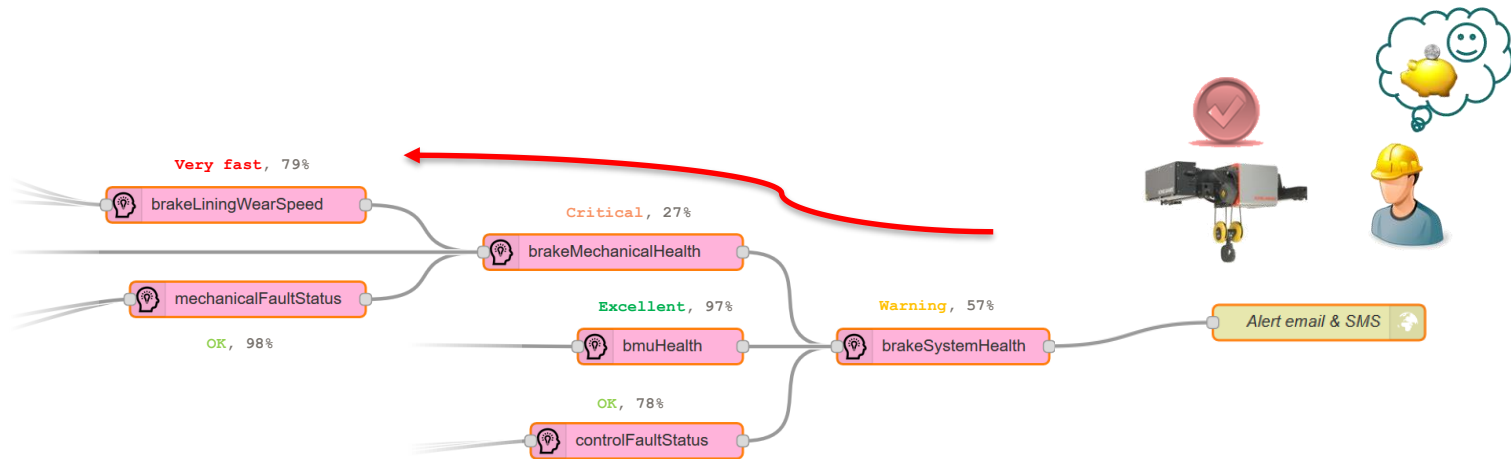


Result

Predictive Maintenance

- Easily interpretable notices, warnings and alerts may be automatically sent to operators, service personnel and crane owners

“Brake system health in Ilmatar has degraded to warning level (57%). Root-cause of the problem is in very fast brake-lining wear speed. Service brake soon.”



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IoT Ecosystem Partner

Trusted by



KONGSBERG



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Want to know more?

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