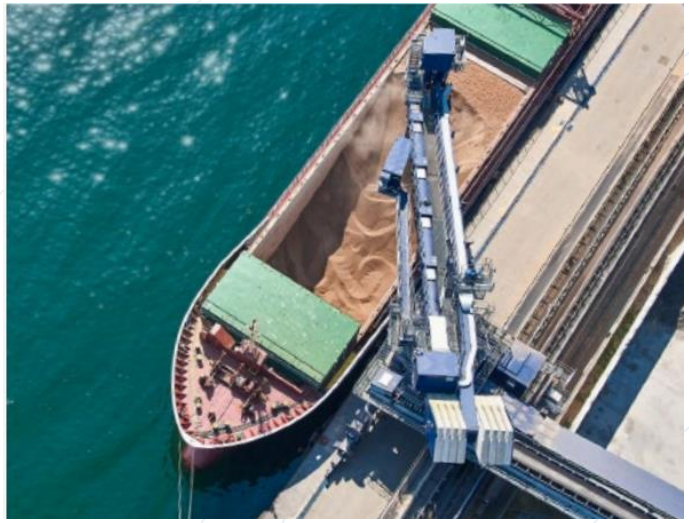
BRUKS Siwertell

BULK HANDLING & WOOD PROCESSING

HANDLING THE FUTURE

Our commitment to sustainability

ABOUT US



Bulk handling

Wood processing

Forestry

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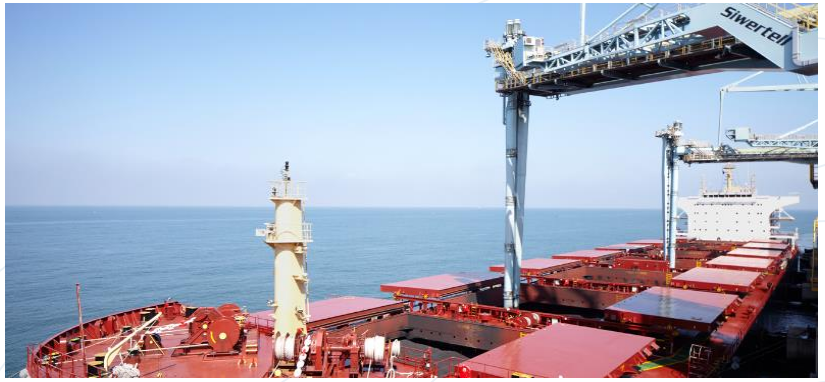
PORT TECHNOLOGY

Ship loading



Ship Unloading

Conveying systems

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TRANSFORMING DRY BULK HANDLING

Harnessing the Power of IIoT for Efficiency and Sustainability

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Bulk handling services, Port division, Bruks Siwertell

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AGENDA

1. Introduction to IIoT
2. Key components
3. Why, How and What
4. Challenges and solutions
5. Summary

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INTRODUCTION TO IIOT

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ROSETTA STONE

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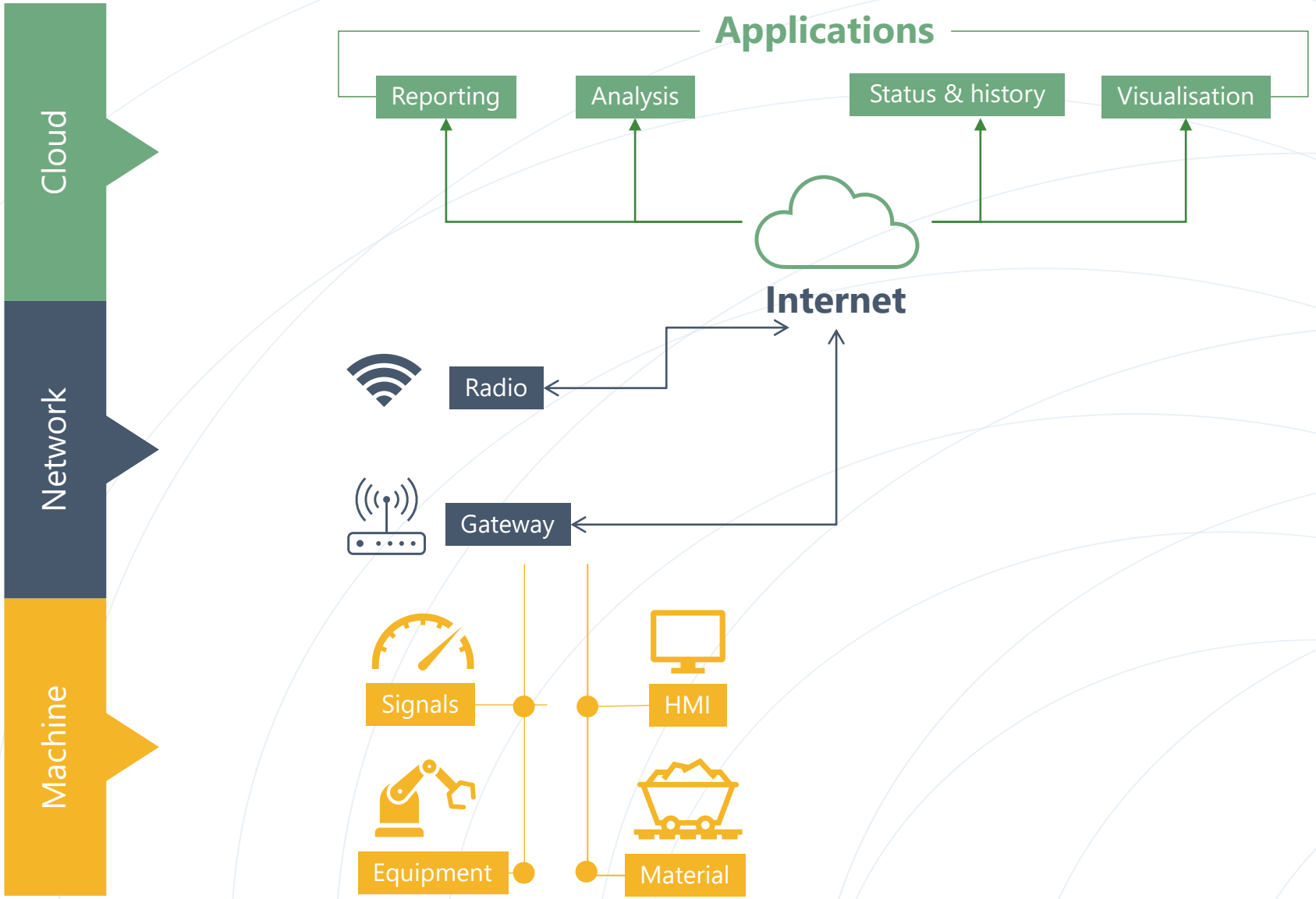
KEY COMPONENTS



Data processing & visualisation

Data modification & transportation

Data generation & Collection

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WHAT DO IIOT DO?

Collect data

Visualise data

Access data

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HOW DO WE DO IIOT

Product & Services

Identify customer needs
Identify data for solution of needs
Do development

Organisations

That fosters and usages IIoT

Cyber security

Hardware, software and partners for reliability

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WHY IIOT

Remote monitoring

Decision making

Improved efficiency

Analysis & reports

Predictive maintenance

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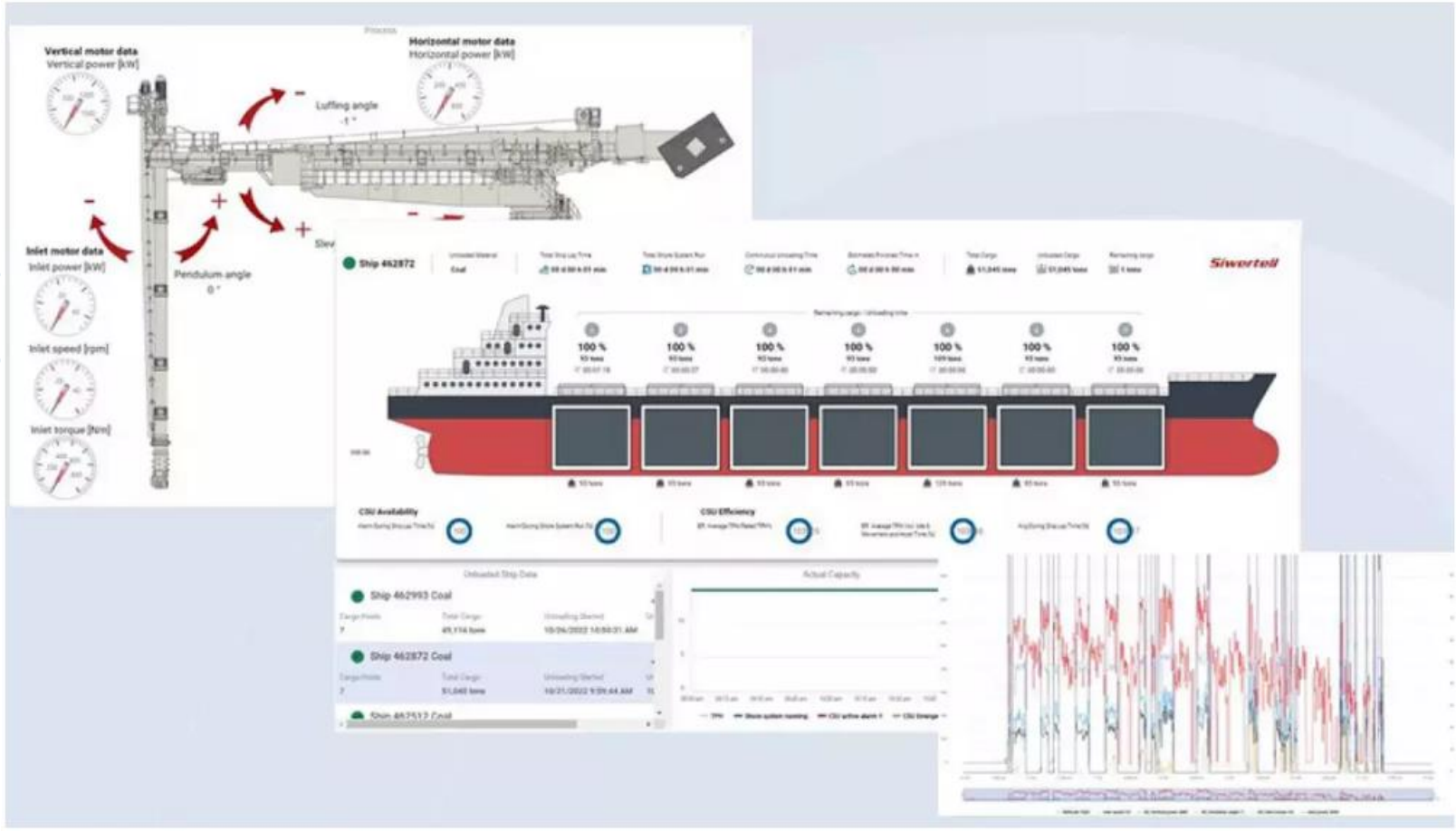
VISUALISATION OF DATA AND ACCESS

New digital advance delivers expert knowledge direct to operators | Bruks Siwertell (bruks-siwertell.com)



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CHALLENGES AND SOLUTION

Challenges	Solution
Key components	Partner
Needs	Sector continuous dialogue and development
What data to collect and overflow of data	Start collecting everything, store in a reservoir of data, and piece by piece start understanding and interpreted it
Organisation & culture	Top-down management (One leader with doers, or democratise)
Cyber security	Understanding and communicating technical possibilities
Maturity of industry	Time

SUMMARY

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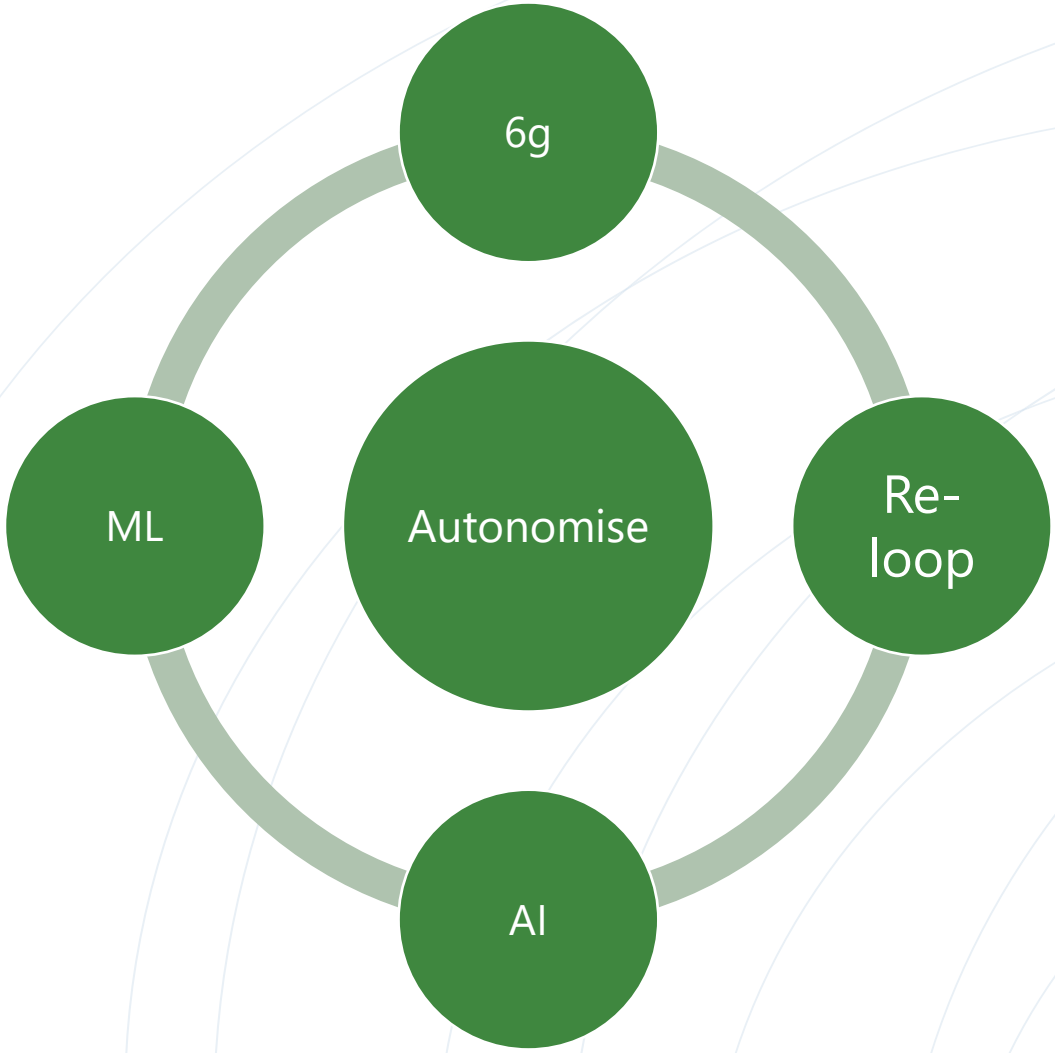
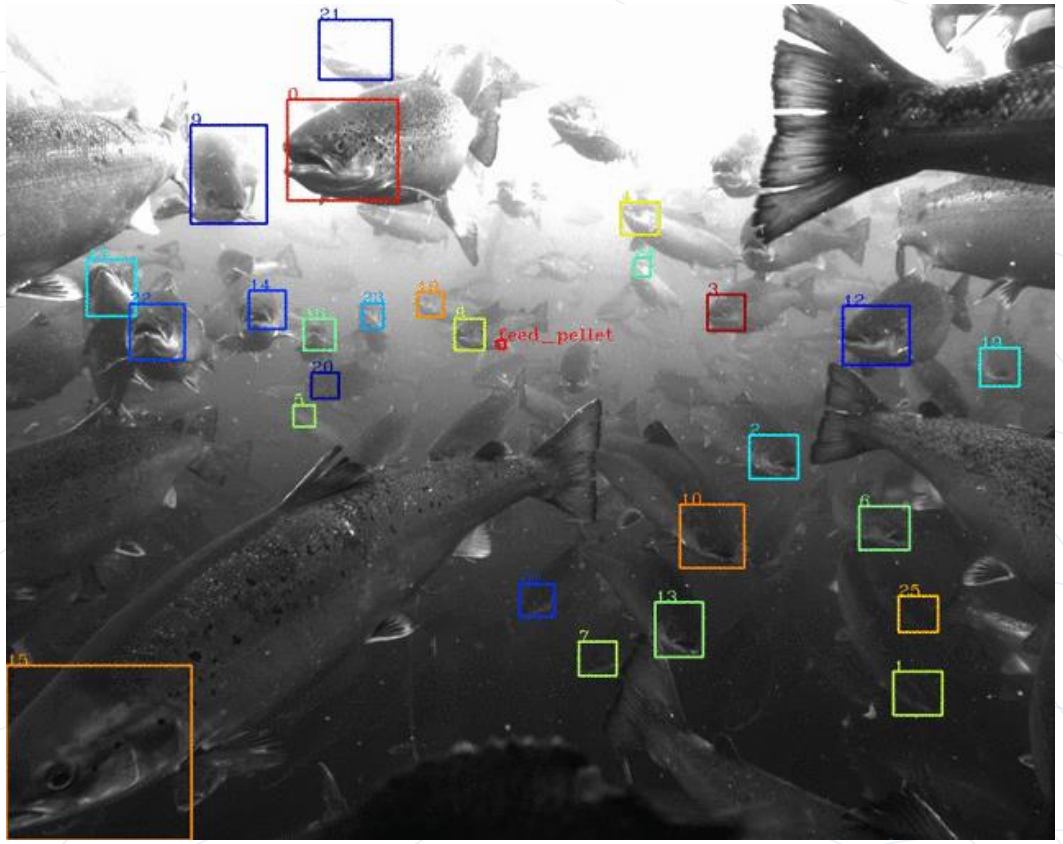
FUTURE TRENDS





20% Yield

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LET’S TRANSFORM THE INDUSTY TOGETHER!

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THANK YOU FOR YOUR TIME

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