HASH MOBILE

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Our mission is to help our customers work safer,
more efficient and take better decisions
only touching information once

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Robin Ottenfelt, Founder

Founder and Board member of Hash Mobile. Vast experience within communications, sales, business development and innovation.
Created patented revenue generating solutions for world leading industrial enterprises.

Peter Helmersson, CEO

Board member of Hash Mobile. 20 years experience within industrial sales and business development.

Josefine Helmersson, CFO

Senior Accountant with more than 15 years experience from accounting within global trade and industrial groups.

Johan Stael von Holstein, Board member

25 years serial entrepreneur created companies including Icon Medialab,
Let's buy it, Icube incubator, MyCube social network and more.

Rikard Lövdahl, Chairman of the Board

25 years of sales and management experience within Oil and gas industry.
Built Emerson Rosemount tank gauging to become world leading in it's segment.

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Advisory Board

Peter Helmersson
Chairman

Robin Ottenfelt
Secretary

Christian Appelt
Innovation Enablement, IKEA Group

Frederik Lundborg
Deputy CEO at Scandinavian Risk Solutions

Oscar Bjers
CEO Apple AB

Rikard Lövdahl
General Manager at Emerson Process Management

Andreas Gunnergren
General Manager at Elof Hansson International AB

Henrik Hagdorn
Head of Sales, MaintMaster Systems AB

Johan Human
Manager for Group Project Management at SKF Group

Vartan Vartanian
CEO, iDexter

Håkan Johansson
CEO, Dekon Engineering AB

Peter Östgårdh
Director of Business Development and Operations at ITW Welding

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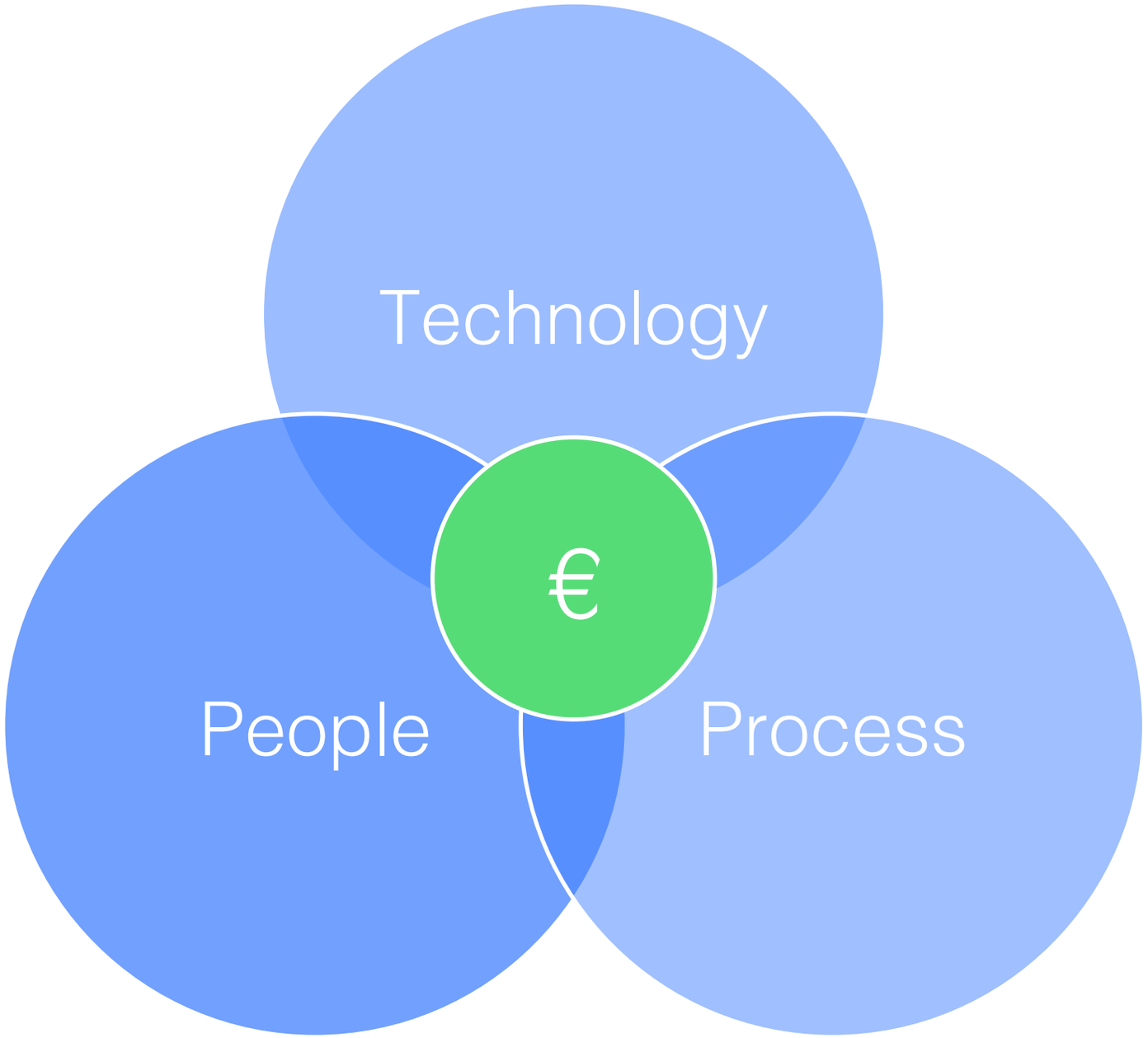

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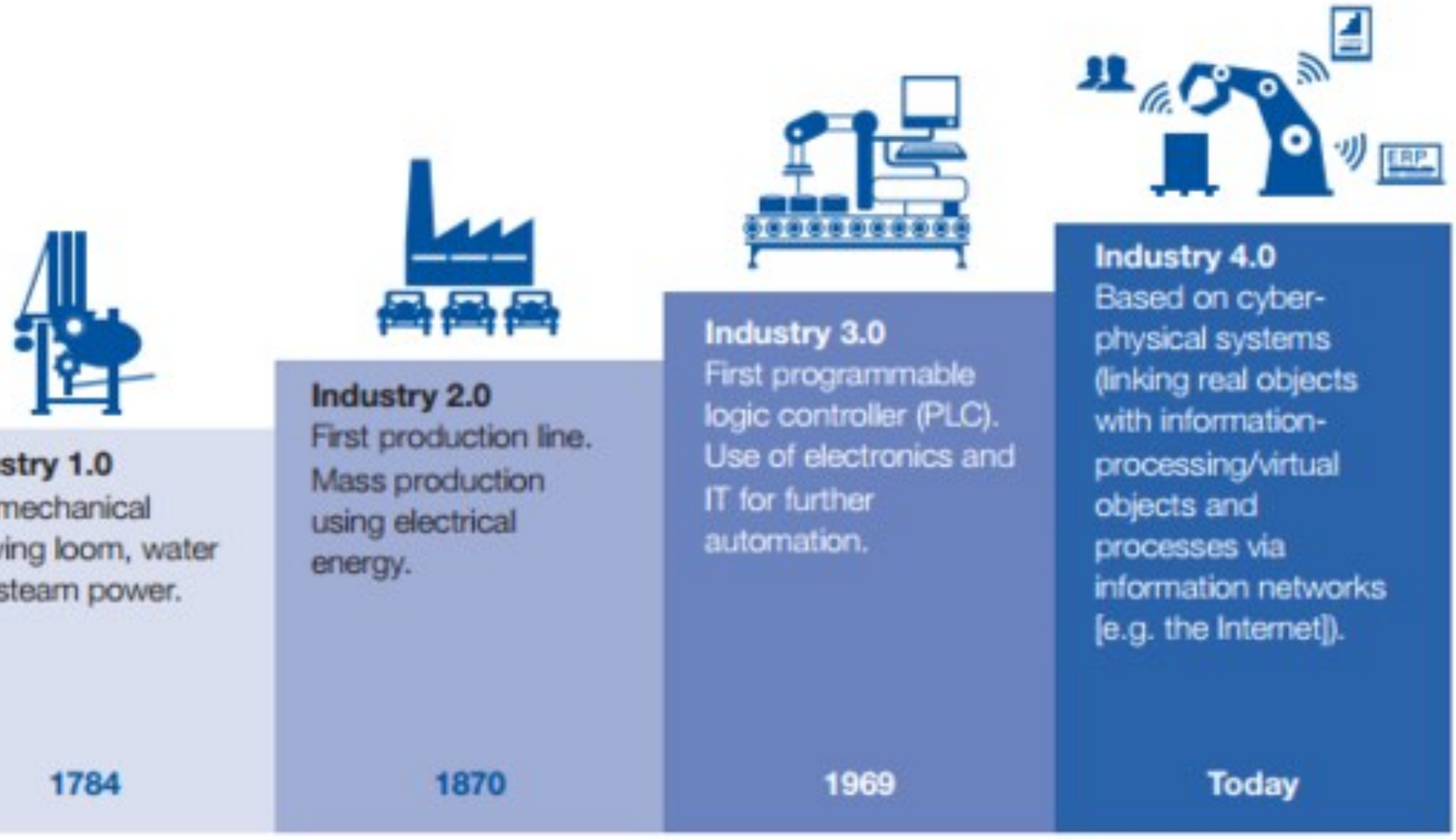

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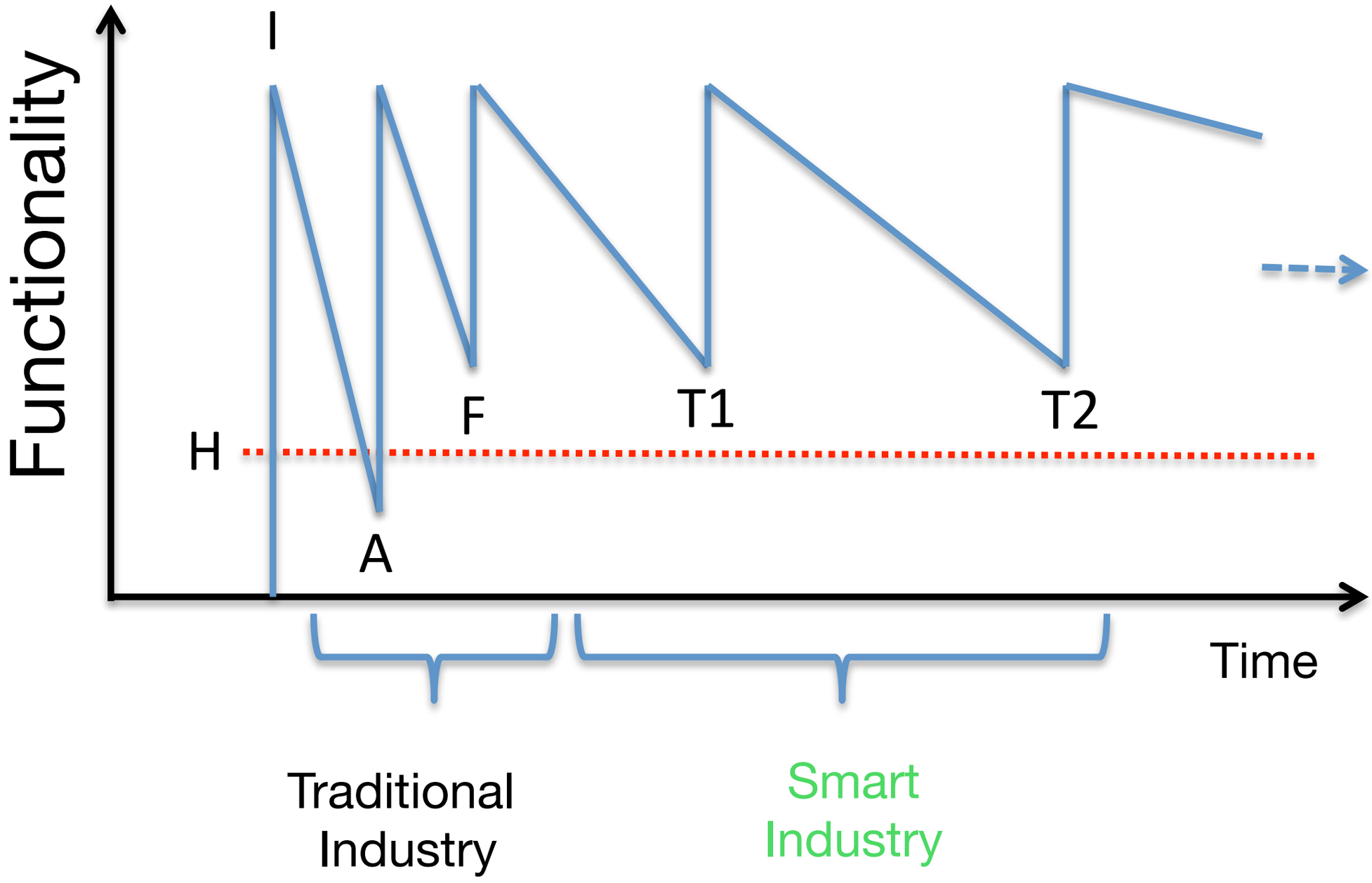
Smart industry



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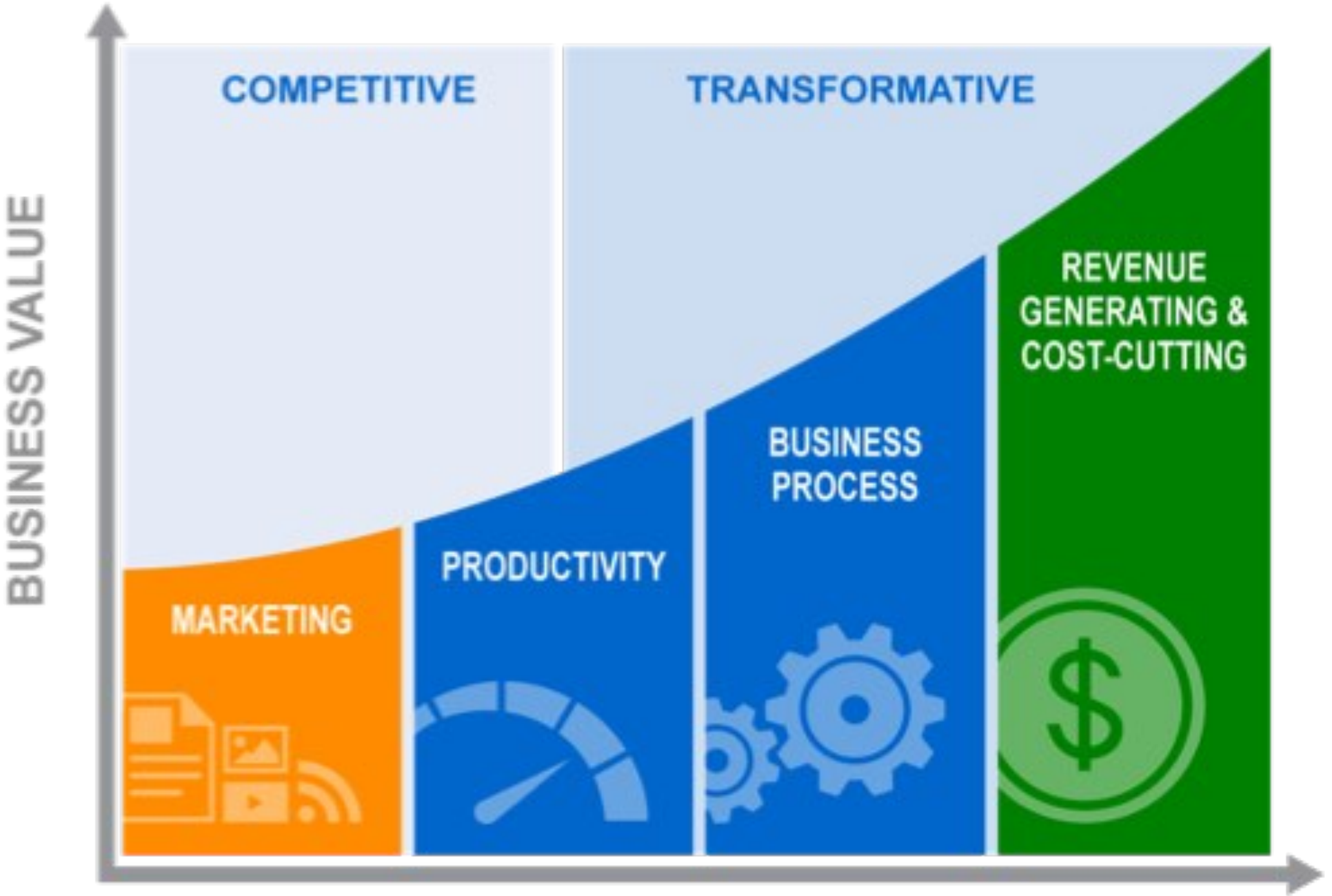

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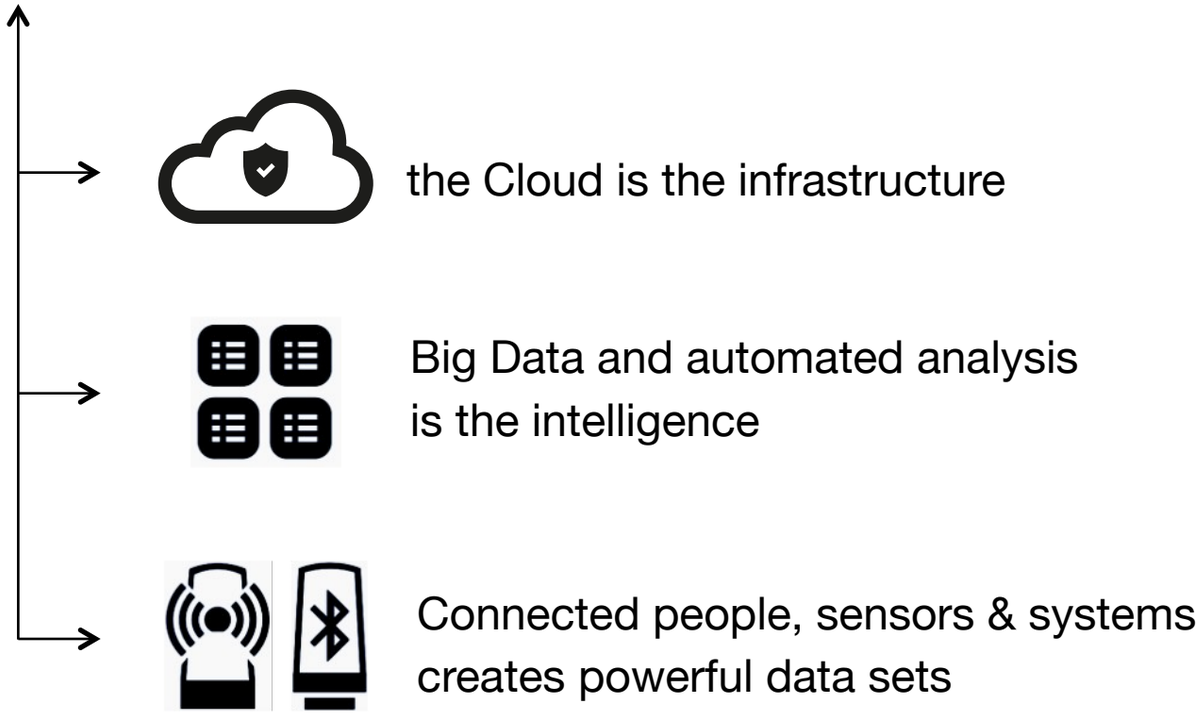
Mobility is the window into the Smart Industry



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Optimize your assets

Easy to implement reporting system making your workday simpler and more effective

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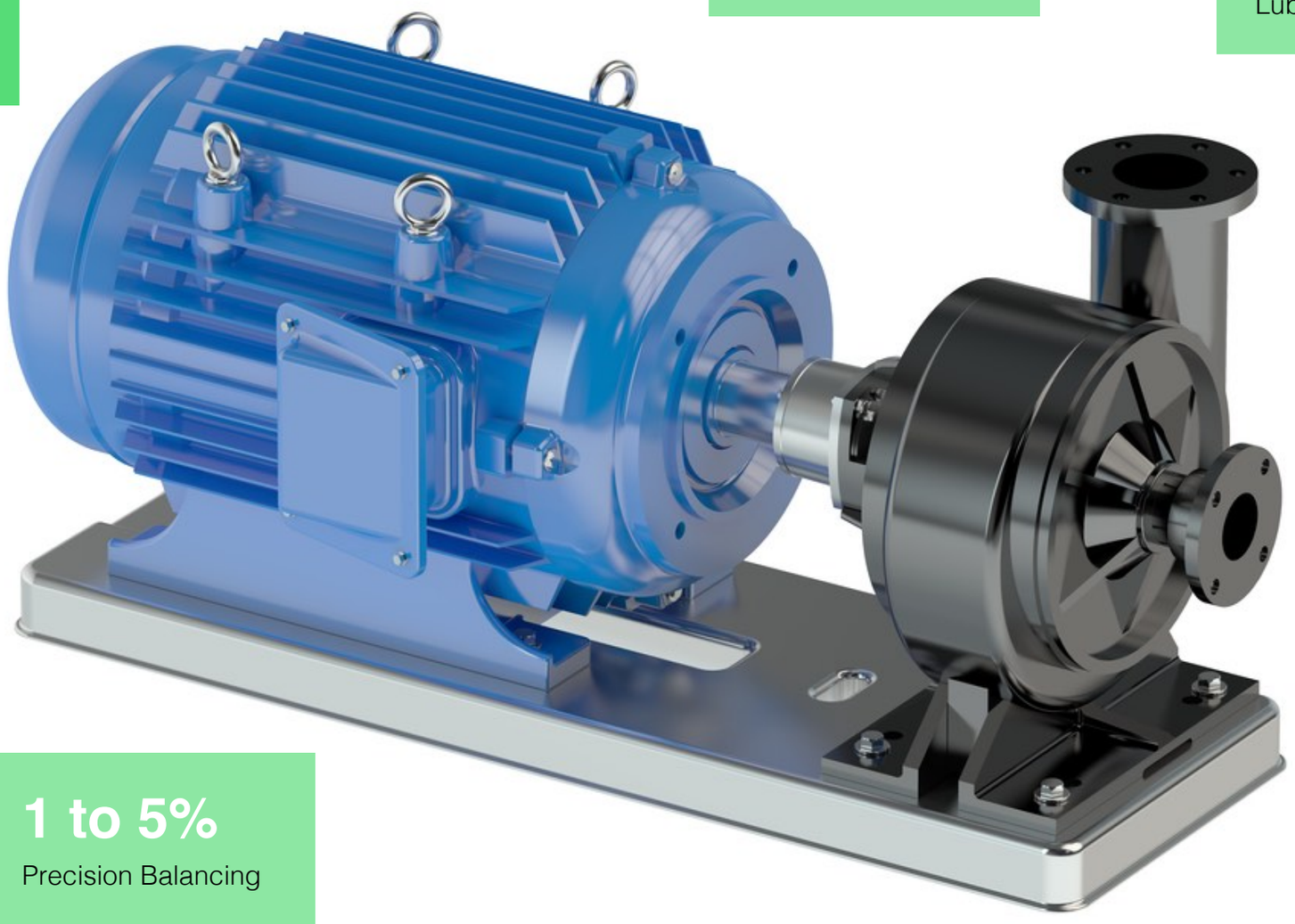
Up to 35% potential energy savings

Make sure that the right maintenance is conducted can create 15 to 35% potential energy savings in motor & pump arrangements.

15 to 35%
Thermography & Inspection

3 to 15%
Precision Alignment

1 to 2%
Optimum Lubrication



Up to 5%
Electric Motor Analysis

3 to 5%
Hydraulic Problems

1 to 2%
Advanced Sealing Solutions

0.6 to 1%
Bearings

1 to 5%
Precision Balancing

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HASH MOBILE

Why digitalize
reports with old solutions

user frustration

tied capital and low traction?

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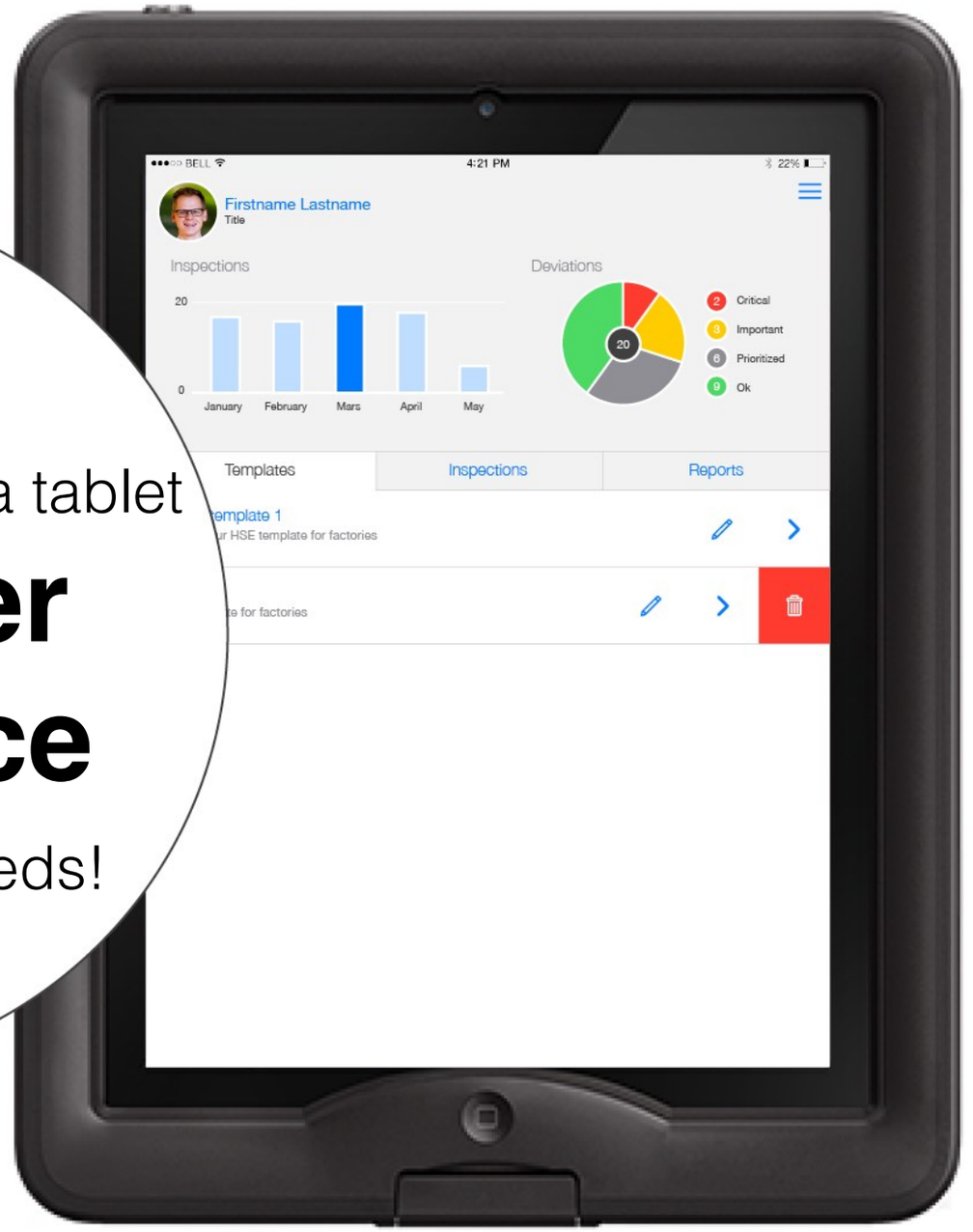
When it's available in a tablet

great user experience

adapted to your needs!



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HASH MOBILE

The worlds most modern reporting system benefit your

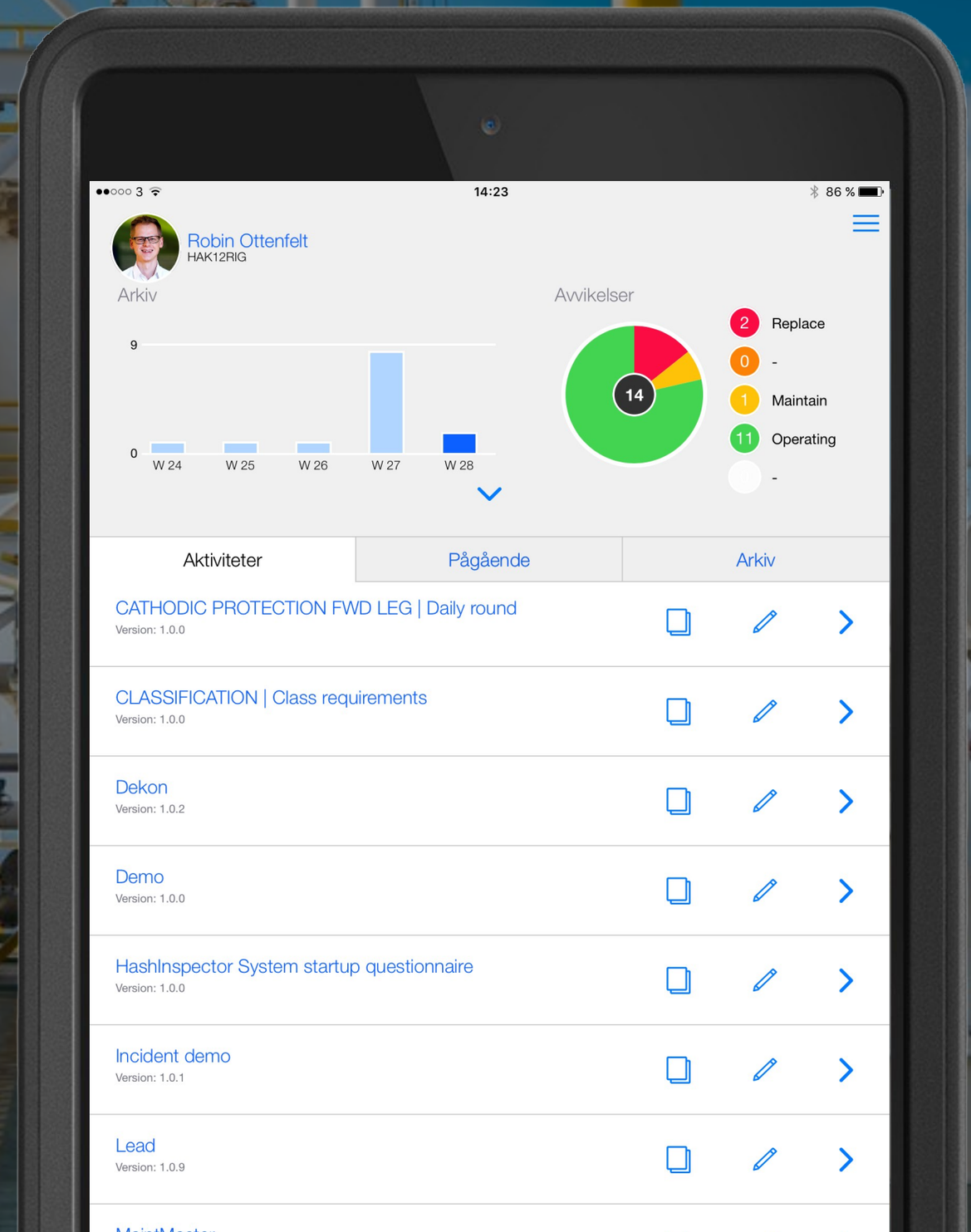
operations

- **Secure communication, secure storage**
  All information managed by Hash is encrypted according to best practices and security standards.

- **The right information for the right people**
  Ensure your teams are using the latest information. User management policies ensures that only your employees access your templates and information.

- **Never loose your data**
  All reporting data collected by each user is automatically synchronized and securely stored in the Hash Cloud.

- **Leverage your current infrastructure**
  The Inspector system is built to securely integrate to your current ERP, EAM or CMMS system. We provide tailored integrations and on-premises installations to meet your requirements.



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HASH MOBILE

The worlds most modern reporting system benefit your

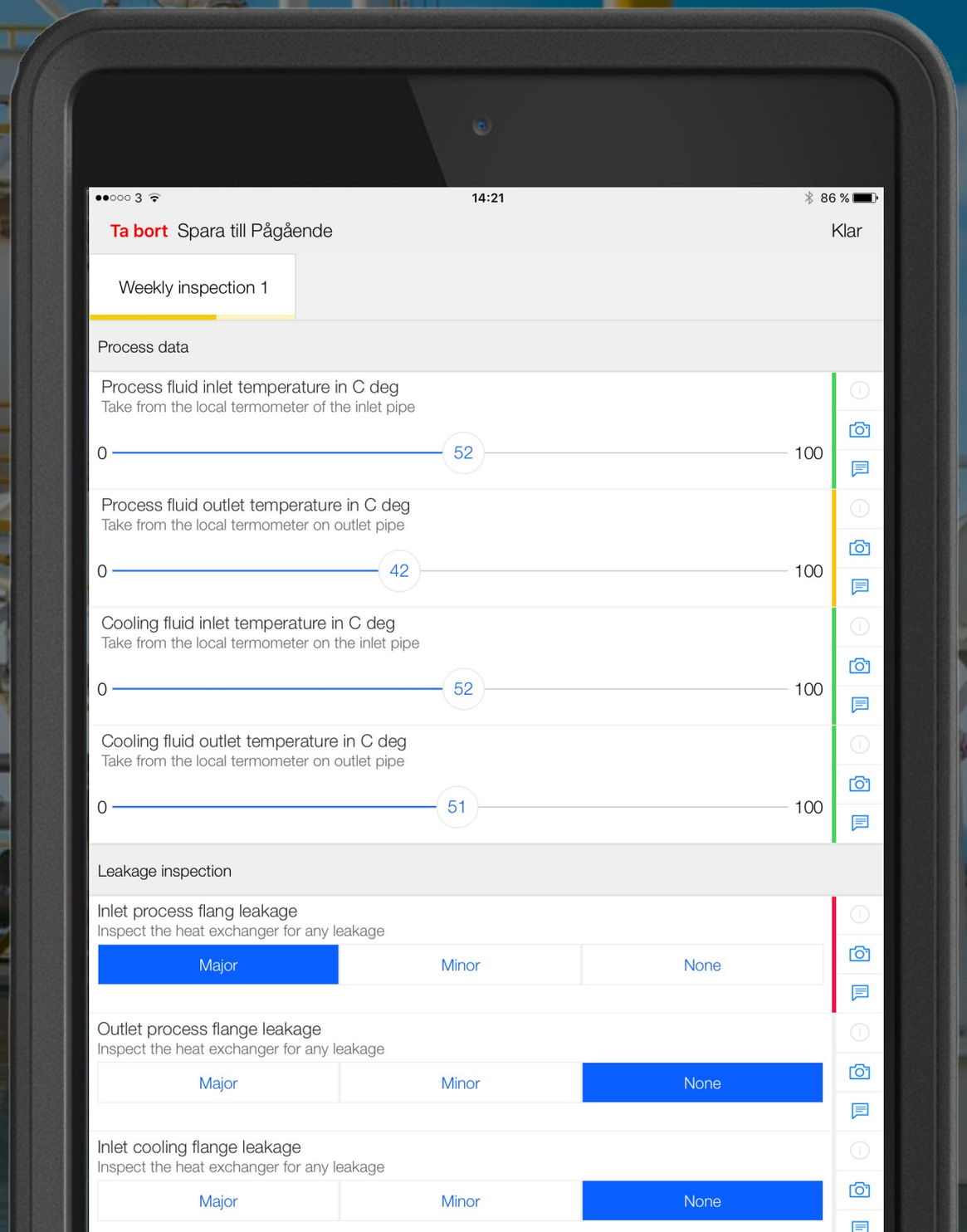
financials

- **Don’t tie your capital**
  All new features and support for new device and operating systems are automatically included.

- **Scale up and down seamlessly**
  Start with a small team and scale when you want. Or scale down when you need. No long term contracts and no invested capital provide low financial risk.

- **No need for extra IT personnel**
  Hash Inspector is managed how you want it to be managed. Existing organizations can easily learn how to mobilize their reporting needs.

- **Leverage your current infrastructure**
  The Inspector system is built to securely integrate to your current IT solutions.



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HASH MOBILE

The worlds most modern reporting system benefit your

employees

- **A great user experience**
  Hash Inspector provide easy to use data collection, user guidance and in-app support that help improve the accuracy and quality of the collected data.

- **Send reports instantly**
  Reporting templates are created only once. Report information is sent directly from the app as soon as you are done.

- **One user license – any user device**
  Users can use Hash Inspector on any device and operating system we support.

- **Collaborate and share reports**
  With Hash Mobile Inspector teams can easily collaborate by sharing templates and reports.

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HASH MOBILE

The worlds most modern reporting system benefit your

bottom line

Improved efficiency

- Only touch information once
- Reduce time spent on reports
- Identify deviations and opportunities
- Reduce lead times

Improved HSEQ

- Work with latest information
- Traceable documentation
- Correct reporting data
- Get data instantly into your CRM, ERP and quality systems.

Improved financials

- Don’t tie your capital
- Scale up and down seamlessly
- No need for extra IT personnel
- Leverage your current infrastructure

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	Enterprise Device bundles		
	IP68	ATEX Zone 2	ATEX Zone 1
Users	Unlimited	Unlimited	Unlimited
Templates	Unlimited	Unlimited	Unlimited
Reports	Unlimited	Unlimited	Unlimited
Hash Cloud Storage	Unlimited	Unlimited	Unlimited
Mobile Device Management	✓	✓	✓
Hash Inspector App	✓	✓	✓
Software upgrades	✓	✓	✓
Phone support	✓	✓	✓
Device	iPad Mini, 32 GB, 4G/WiFi*	iPad Mini, 32 GB, 4G/WiFi*	iPad Mini, 32 GB, 4G/WiFi*
Device protection standards	IP 68, Military Standard 810F-516	IS Class 1 Div 2/ATEX Zone2; Groups A, B, C, D; IP 67	IECEx Zone1, ATEX Zone1; Groups A, B, C, D; IP 54

* Cellular data plan and SIM card is not included

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HASH MOBILE

Easy mobile information gathering and reporting

HTTPS*

VPN

Customers ERP, CMMS or EAM

- MaintMaster
- SAP
- IBM Maximo
- MS Dynamics
- SIS Star
- Spectec AMOS
- and more

HTTPS*

Open and documented API

Web based administration and dashboards

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* High-end 128-bit encryption signed with a strong 2048-bit root

Hash Mobile Implementation process

Identify Current Pains
Review current work processes and identify pains.

Plan where and how to kill the pains e.g. which work processes to mobilize, which integrations can increase productivity and identify reporting requirements.

Recommend an implementation plan based on customer needs e.g. cloud or on-premises installation, process mobilization, integrations to other customer systems together with a starting point that will provide great value to customer with least investment.

Develop Pain Killer
Develop and implement the identified Pain Killer based on the recommended starting point.

Plan how to train and educate the users, e.g. classroom, on-line or user driven.

Pilot Program
Roll out the Pain Killer in a pilot program for the identified starting point.

Train the users.

Measure user behavior and traction.

Document learning's to improve the Pain Killer before full scale roll-out.

Recommend an improved set-up based on user feedback together with a full roll-out plan and agree on Key Performance Indicators (KPI).

Roll-out
Execute the full roll out and continuously measure agreed KPI’s to ensure customer success.

Deploy full scale training program.

Recommend continuous improvements to enhance customers performance and use of Hash Mobile Inspector system.

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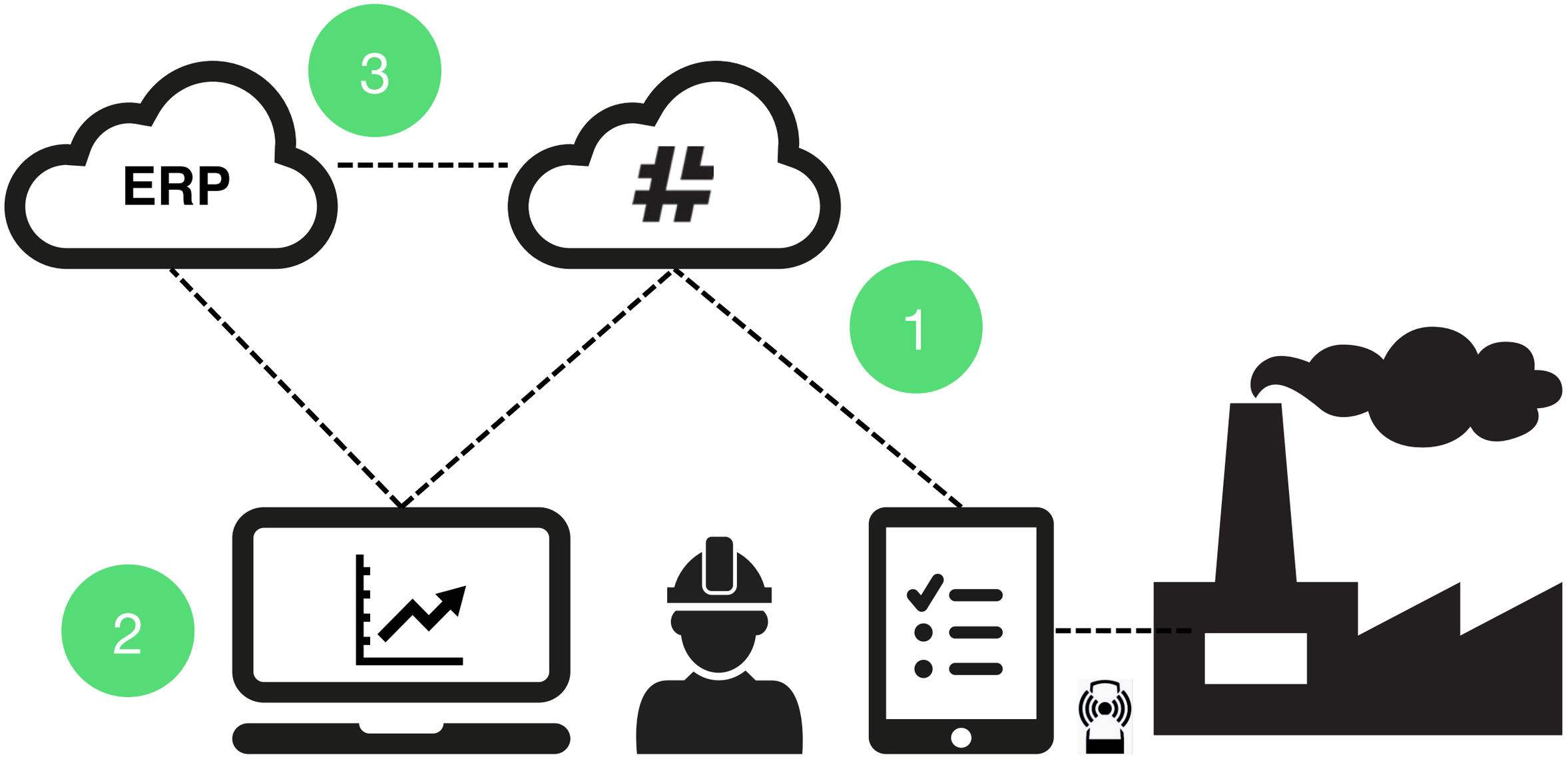
Value chain



1. Hash Mobile collect information from customer operations
2. Partners can provide an asset management strategy and analyze your information over time and offer improvements and optimization of your asset management strategy combined with machine learning and cognitive data analysis for proactive decision support
3. ERP ensure that your assets are well management and that your processes are updated and used

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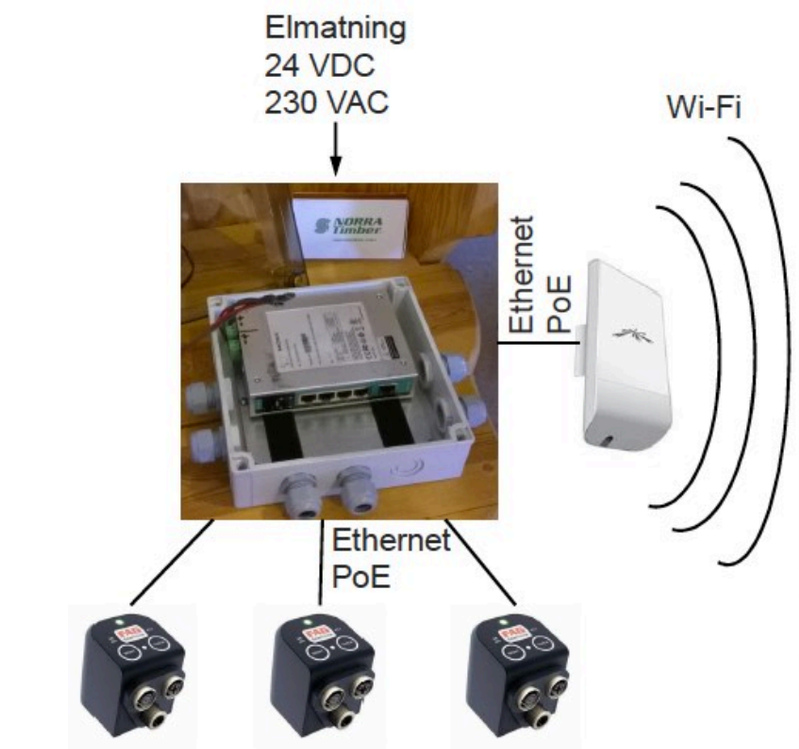
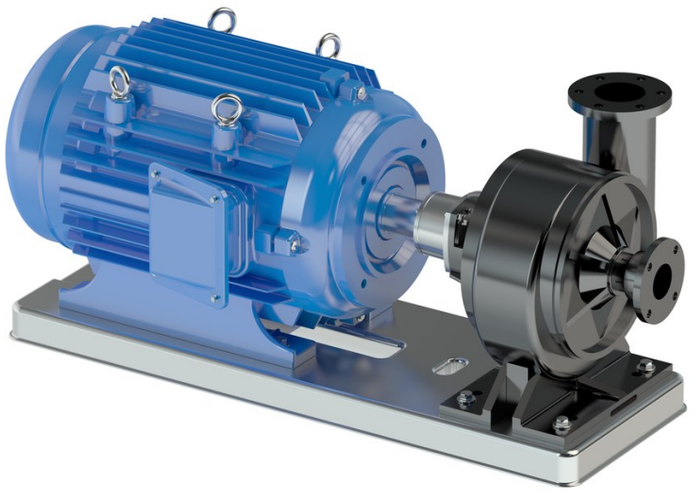
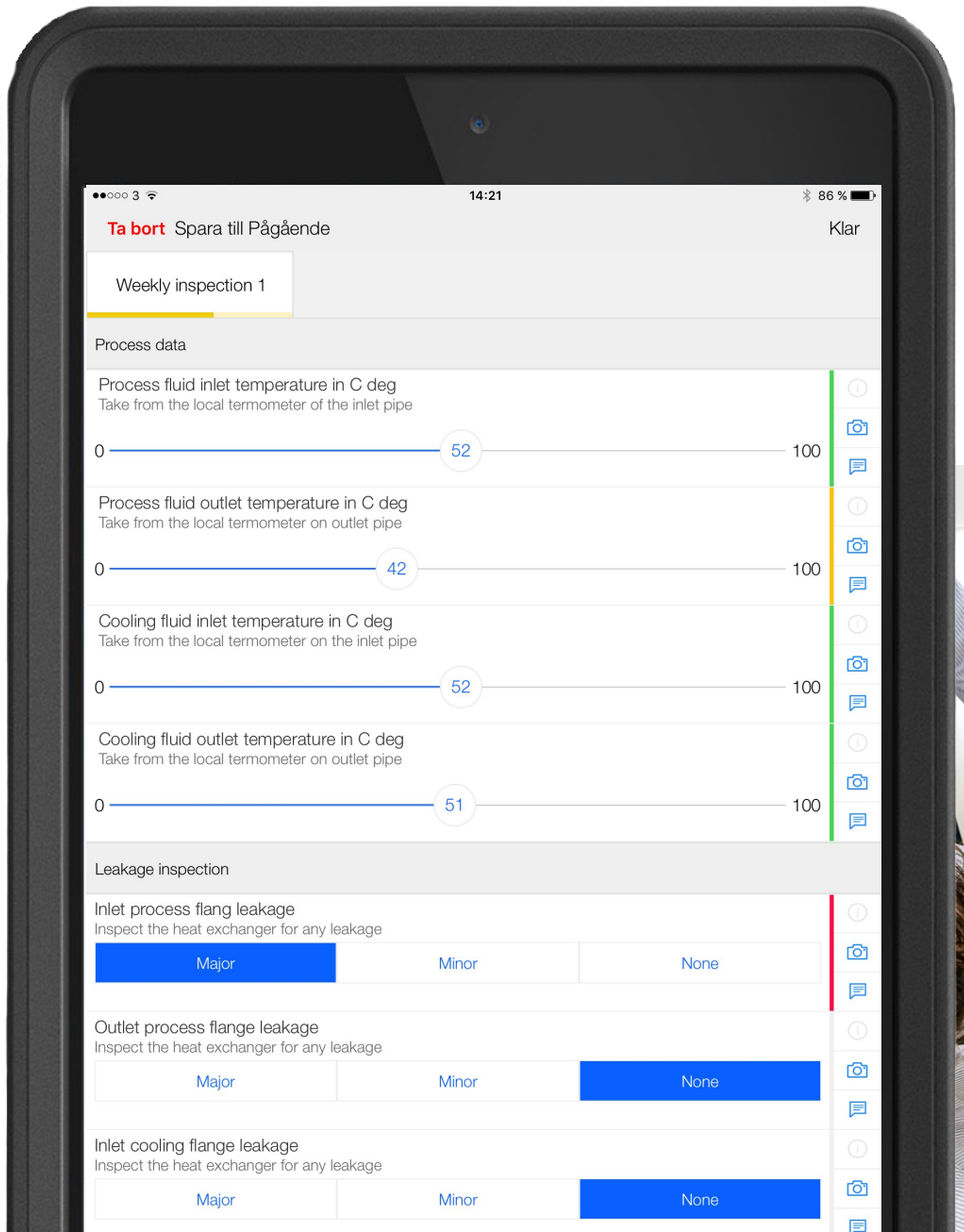
Integrating with condition monitoring solutions



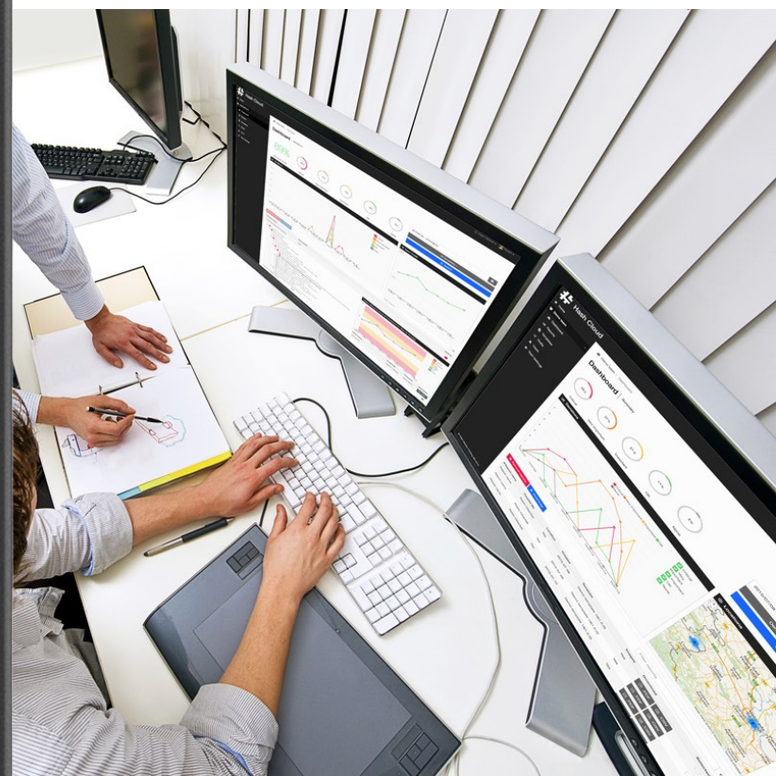




Easily understood messages on the possible defect cause that will go into the the report.

Real-time dashboards of status of equipment in the cloud.

Possibility for in-depth analysis of condition monitoring data when/if required.



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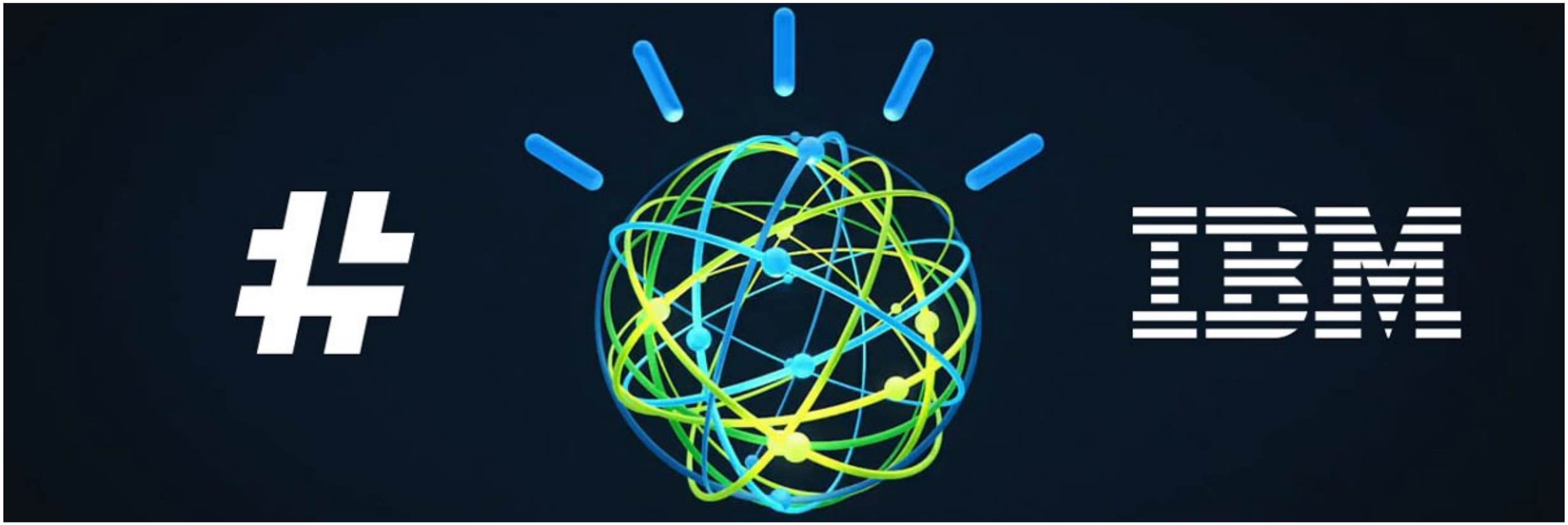

IBM and Hash Mobile is partnering up to further support customers with improved services, scalability and adding capabilities from the world leading cognitive computing platform IBM Watson to Hash Mobiles portfolio.

“Being able to work closely together with Hash Mobile and support their focus on bringing digital innovation to tough environments like Oil & Gas, Manufacturing and Construction is key to IBM. IBM is able to support with our global capabilities and world leading cloud and cognitive computing platforms like Bluemix and Watson”

says Kenth Juthberg, Ecosystem – Cognitive Internet of Things at IBM

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Customer and partner examples

AES the power of being global

ALFA LAVAL

Colly FLOWTECH INNOVATIV FLÖDESTEKNIK

COMBIT VALUE ADDED ENGINEERING

Consilium When Safety Matters

DEKON ENGINEERING

DNV·GL

JDC JAPAN DRILLING COMPANY

MAINTMASTER®

OPTICON ROCK

LUK INA FAG SCHAEFFLER GROUP

st1

SKF®

PSW GROUP INTEGRITY

SRS

KARLANDERS

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“Being able to leverage Hash Mobiles powerful platform for mobile and cloud based data collection enables unprecedented ease of use for both drill rig operators and management teams. Together with JDC we put a true innovation into action in the toughest of industrial environments”

Ron McKay
Integrity/Reliability Manager at PSW Integrity in Liverpool

JDC JAPAN DRILLING COMPANY

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“Being able to easily get the service report done in the field is very valuable to us. Hash Mobile’s solutions help us free-up time, reduce lead times and we can provide a more consistent report delivery to our customers”

Mikael Malm
CEO of Colly Flowtech

Colly FLOWTECH
INNOVATIV FLÖDESTEKNIK

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“The combination of SRS’s experience from providing high quality risk management services and Hash Mobile’s technology and innovation power will help us to better capture incident data and support our clients with intelligence gathering and analysis”

Ilya Treutiger
CEO of Scandinavian Risk Solutions

SRS

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“Improving traceability and quality control with the easy to use documentation solution from Hash Mobile enable us to be in the forefront. And it provides a competitive advantage in the market where customer- and legislative requirements on quality documentation is increasing.”

Peter Hansson
CEO

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“Being able to easily conduct a required inspection or document a deviation with instant synchronization of the information in order to quickly plan and execute the required actions is critical in a terminal where you handle flammable liquids.”

Jonas Rylander
Terminal Manager at St1 Supply

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