Harnessing the Full Potential of Analytics, Al and Big Data

Presenters **O Dr. Pasi Tuominen** CEO



Wapice Creating a smarter future today



- Established in 1999
- Private ownership
- Continuous organic and profitable growth
- Employing over 350 highly skilled software and electronics experts
- 10 office locations in Finland
- ISO 9001, ISO 14001, ISO 27001 certified



Entrepreneur

Award 2016







FINNISH

SERVICE

2007-2

EtherCAT.

Technology Grou



Wapice – Our services Creating a smarter future today



Electronics Design and Embedded Systems



Technology and Software Solutions



Digital Solutions and Services



Web and Mobile solutions



Internet of Things Services



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Cloud Services



Analytics and



InfoSec

Service Design

Consulting

DevOps

0

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Artificial Intelligence in Manufacturing It's all about smarter processes, machines and their co-operation - Wapice

Artificial Intelligence features for industry

Real time data sources

Video Audio / vibration Streaming sensor data Technological aspects

Deep Neural Networks (DNN) CSP / mathematical optimization Clustering



Transforming Industrial Companies with Artificial Intelligence

From sales to service and maintenance



Sales process

- Clustering customers
- Digitalization of sales
- Digital services
- eCommerce



Smart connected products

- DevOps & QA
- Comprehensive technology
- Agile development
- Digitalisation capability
- We are "Solution provider"



Operations

- Consulting
- Cloud development
- ICT & Analytics
- Best Practices
- New business concepts

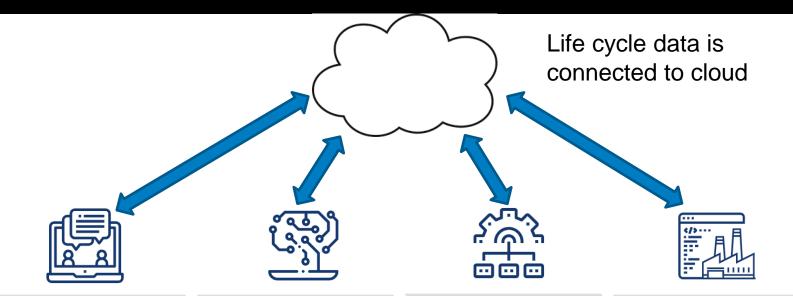


Service and Maintenance

- After Sales Service
- Lifecycle services
- Ecosystem design
- Digitalization of service business







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We build Digital Companies



Sales process optimization

AI enabled sales processes

Understanding hidden features Suggesting better products Scale sales expertise

2%

Wapice

Camera pan

Camera rotate

Model select/move

IoT-TICKET in Manufacturing

AI powered IoT Applications

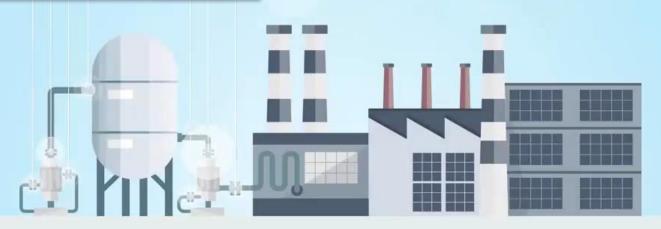




Smart Service and Maintenance

Closing the loop with cloud powered AI

Machines ordering spare parts for themselves





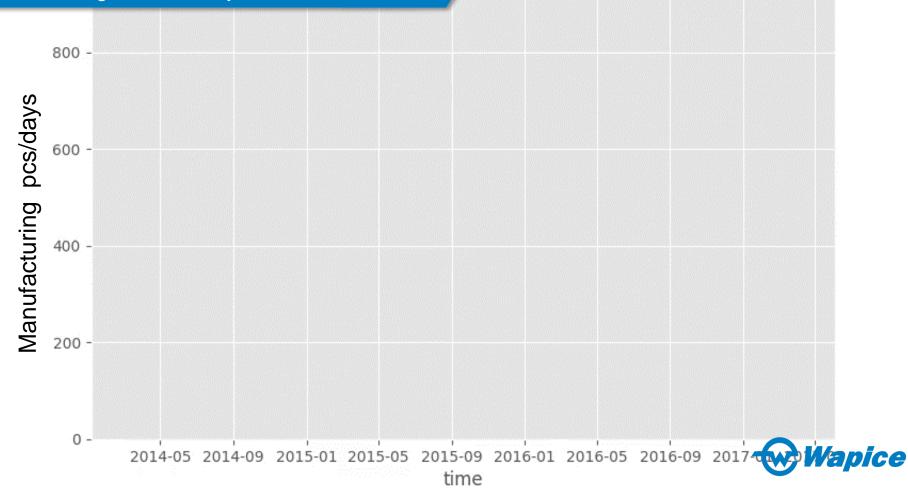
Improving product quality





1000 -

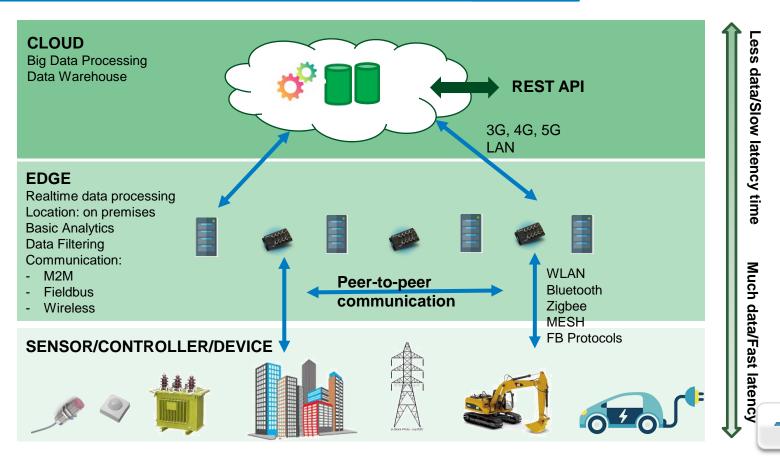
Forecasting and Anomaly detection



EDGE is a boundary between device and cloud

"Hierarcial IoT"

Wapice



Worker Safety powered by AI

Detecting if persons wear a helmet

State-of-the-art Face Recognition

abel: ?

Identity tracking

251









Tracking object position in 3D space

Utilizing a dual camera setup

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Thank you !

Artificial Intelligence & Manufacturing





www.wapice.com