

Smart Condition Monitoring with IIoT Sensors

Daniel Schall – Head of Distributed AI Systems Research Group Siemens Technology

Customer situation

"High maintenance cost of aging assets with little data to plan the right actions"



Customer Situation



Unplanned downtimes lead to 10 – 30% performance losses in a production line.

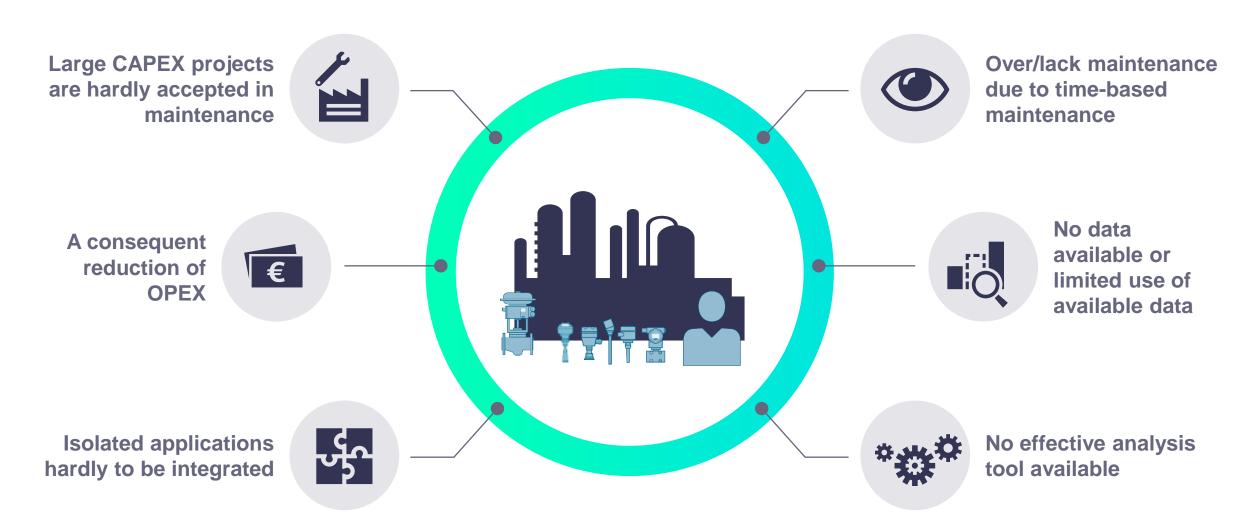


But, smart IIoT solutions can help to **increase performance** of up to **10%**.





Customer Challenges within maintenance



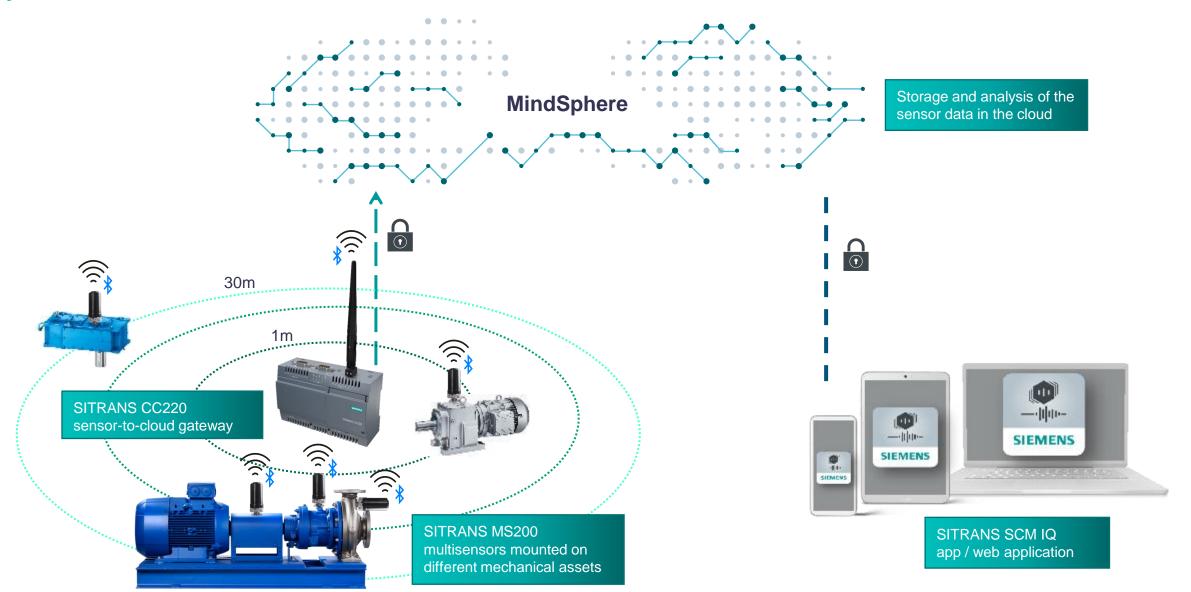


System overview

"Use IIoT Multisensors and AI with high scaling flexibility and out of the box functionality"



System overview of SITRANS SCM IQ



System overview of SITRANS SCM IQ



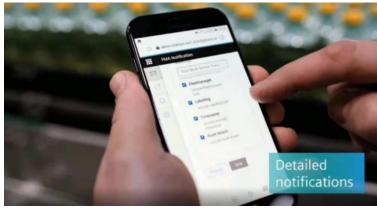
Customer benefits

"Scale step by step with small investments and leverage Al driven out of the box solution"



Turning data into value @Coca-Cola Hellenic Bottling Company Reference Facts





Prevented 4 major downtimes

Reduced line downtime by 2%

Return on invest in 6 months

Turning data into value









All Benefits at a Glance





Easy installation and 'out of the box' Al-enabled anomaly detection



Increased plant performance by avoiding unplanned downtime



Secure, open ecosystem; quickly adaptable to new business challenges (not a stand-alone solution)



Optimized, event-driven maintenance management



System scalability from very small installations to extensive plant monitoring



Dr. Daniel Schall

Siemens Aktiengesellschaft Oesterreich T DAI DAS-AT

+43 (664) 88554783 Geschäftlich

+43 (664) 8011724645 Mobiltelefon

daniel.schall@siemens.com

Siemensstr. 90 1210 Vienna

https://intranet.w1.siemens.com/cms/ct/e...

