Industrial IoTSP

Industrial Internet of Things, Services, and People

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Project Motivation

Borg till svensk industri: Digitalisera eller dö

NyTeknik
Postadas av garenpublisering.se den 5 november, 2015

Svensk industri har inte nåd att sitta still. Det säger den förre Anders Borg, som var orsannlig vid husetsren - Menockal

Digitalisering - en förändring utan motsrycke

2015-02-10 av Redaktionen Processnet | Nyheter
Revolution or Evolution?

- Progress vs. Time
- Data storage
- AI
- Sensors
- Analytics
- Wireless
Automotive Industry Example

1908

2008

Phase 1 (now to 2016): 'Passive' autonomous driving

Phase 2 (2015 to 2018): Limited driver substitution

Phase 3 (2018 to 2022): Complete autonomous capability

Phase 4 (two decades): 100% autonomous penetration, utopian society

Technology Penetration


Source: Company data, Wharton Stanley, Thesis et al.
Smart Phone Example

https://pying91.files.wordpress.com/2012/07/infographic-the-evolution-of-cell-phones-by-c3a9poca-brazil.jpg
Benefits
- Increased automation and improved operations
- Cross connection between systems
- New applications

Challenges
- Understand the pace of digitalization
- Understand which platforms that users gravitate towards
- How can I migrate my operations
Industrial IoTSP: Overview

- **Project Goal (What)**
  - Accelerate industry readiness level by showcasing future industrial IoTSP opportunities.

- **Benefit (Why)**
  - Strengthen Swedish process and automation industry
  - Gain experience from real industry cases
  - Knowledge transfer

- **Technical Solution (How)**
  - Develop a platform based on industry installations for future IoT solutions
  - Enable cloud technology, 5G and smart devices in process automation
  - Multiple concept demonstrators in close collaboration with different process industries
Industrial IoTSP: Spin-Off:s

- Project Goals
  - Generate project spin-off:s
  - Enable new collaborations
  - Support development of new applications

Diagram:
- Project X
- Initiative Y
- Application Z

IoTSP Platform

Project Demonstrators
Thank You!

Industrial IoTSP