

5G, ipar, kiállítások





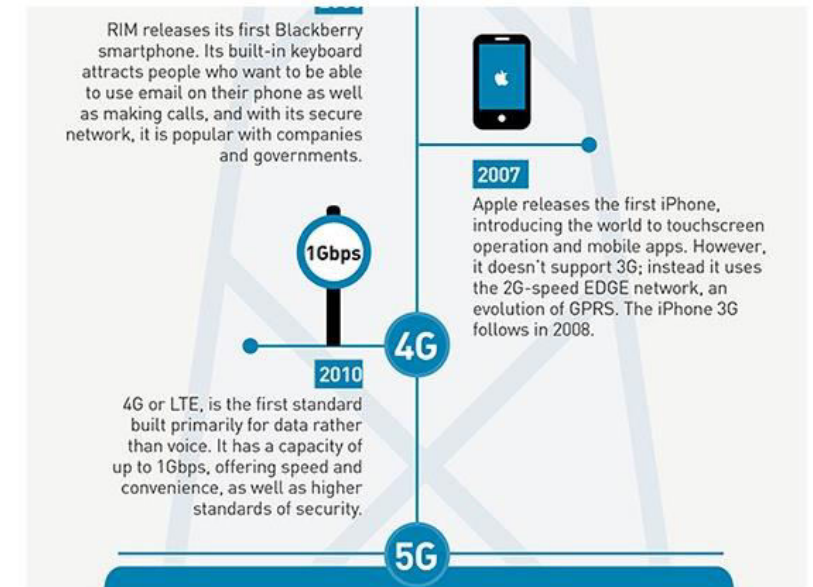
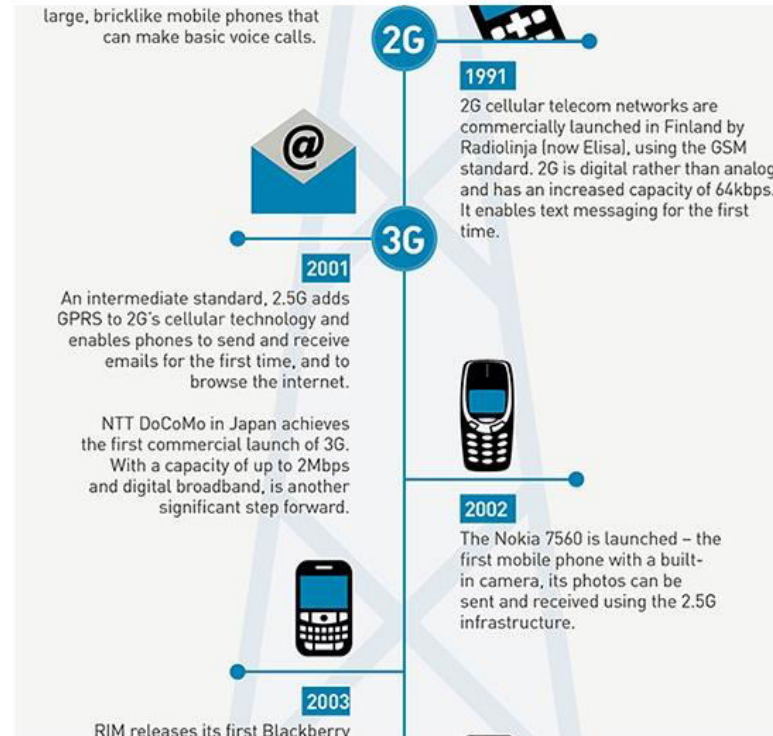
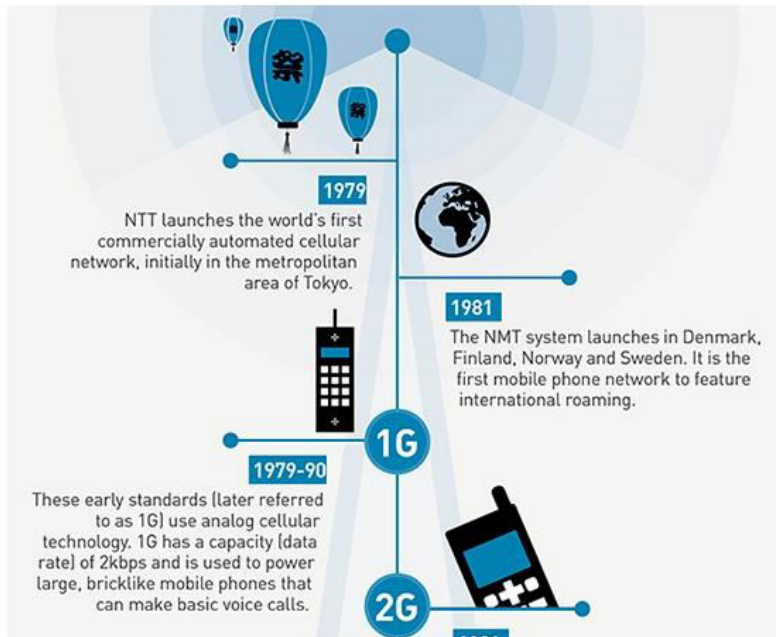
MWVC

Barcelona

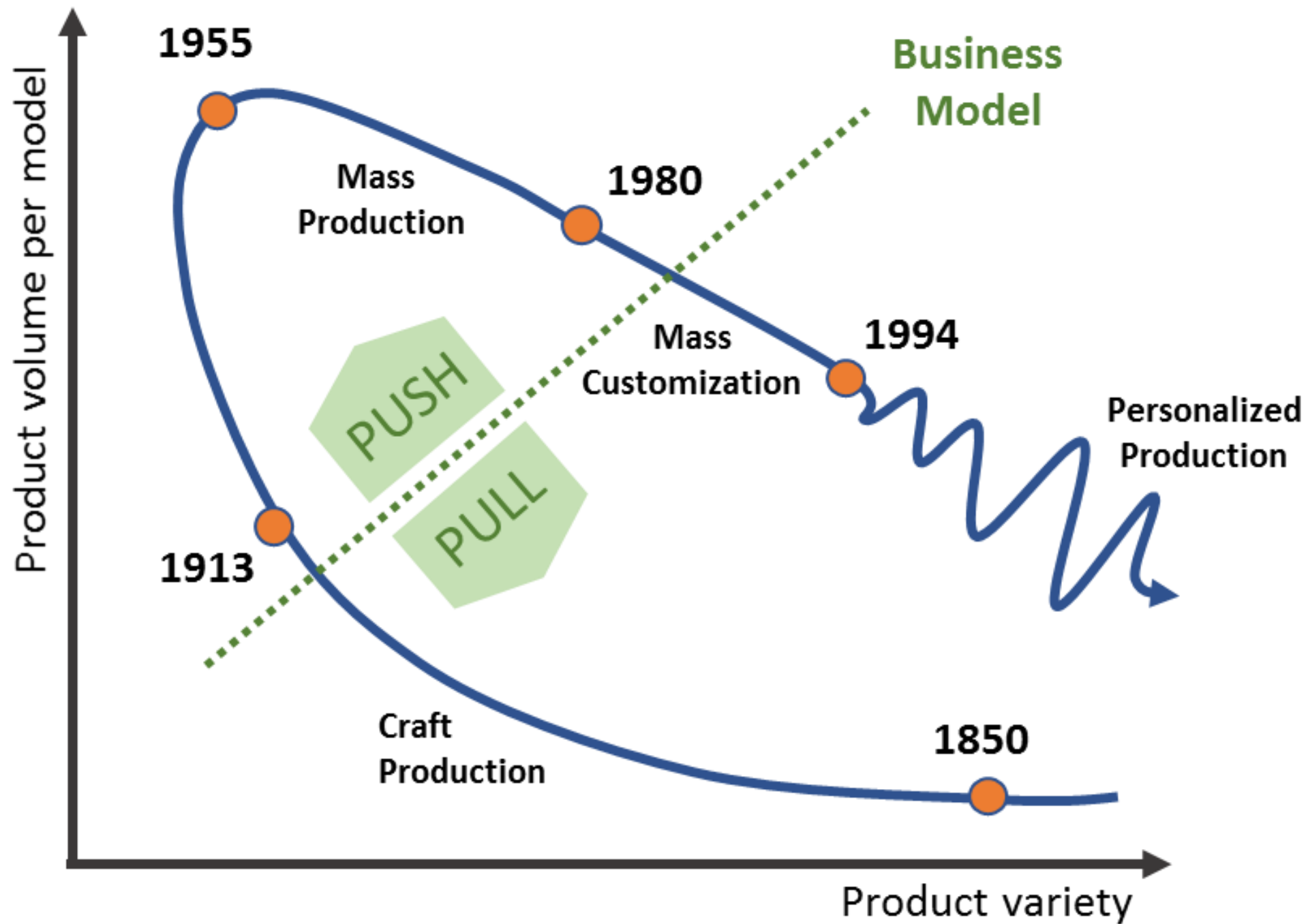
25-28 February 2019

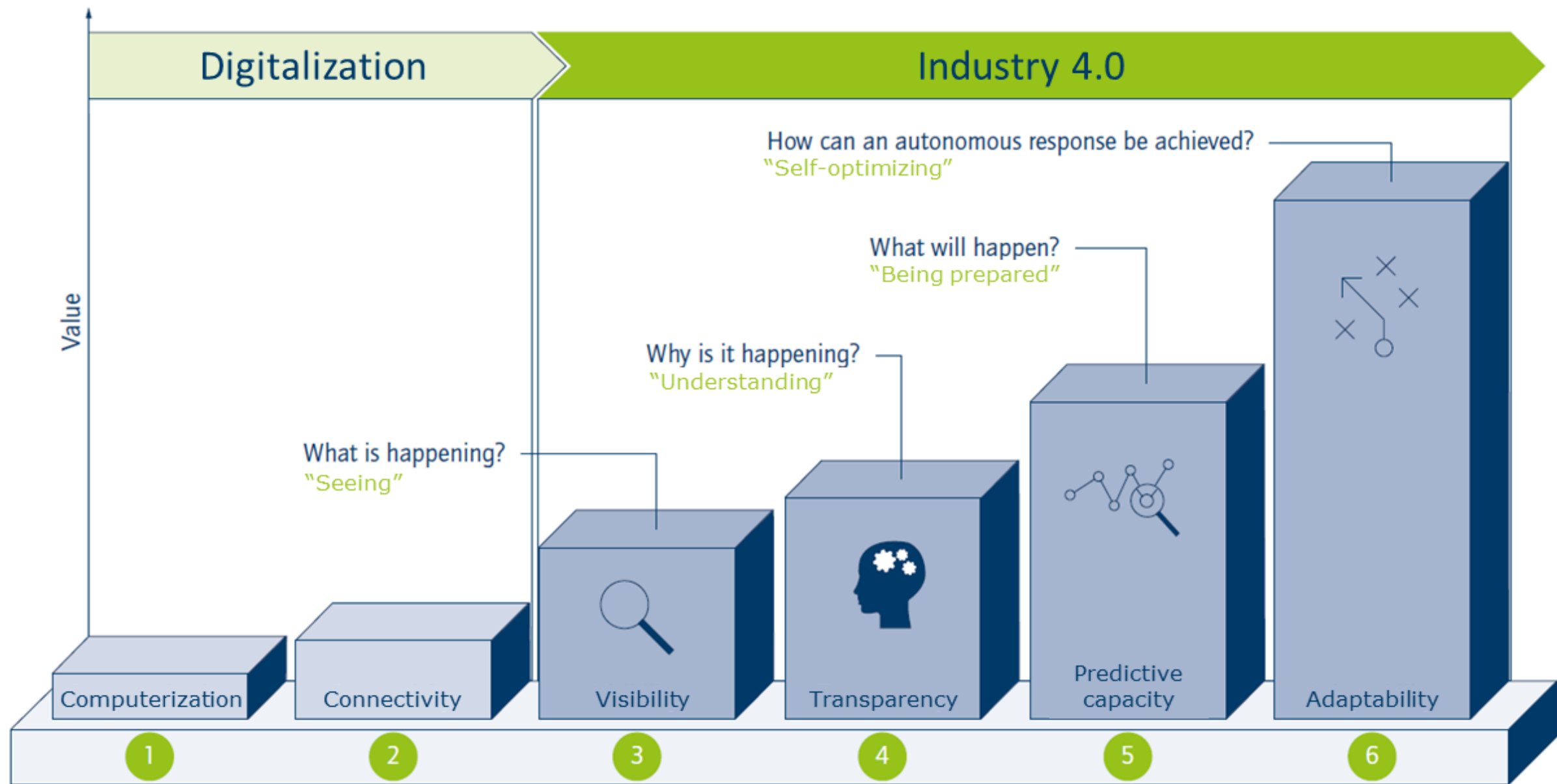


Budapest 9-12 September



<https://www.justaskgemalto.com/us/generations-mobile-networks-explained/>

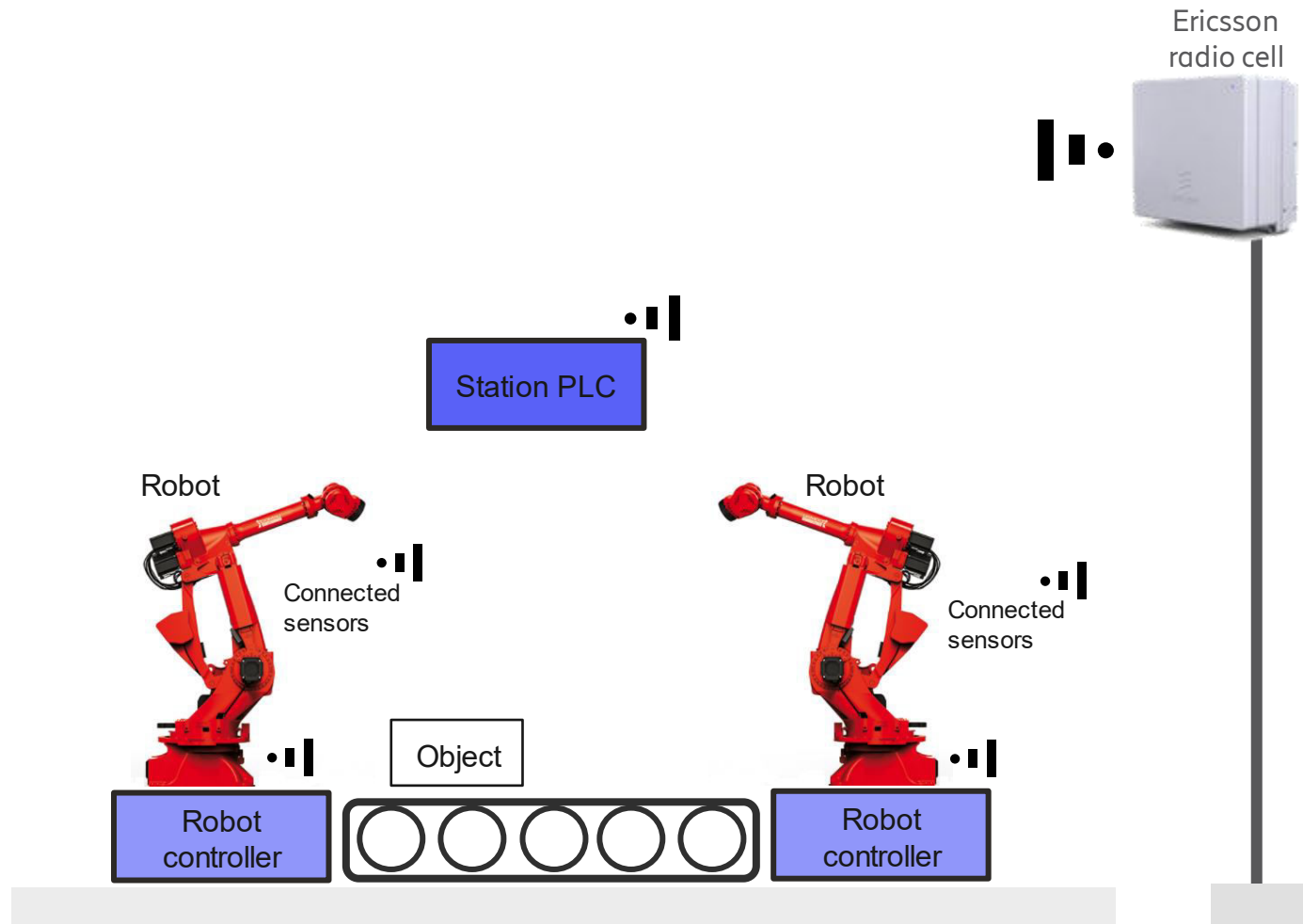




Industry-grade cellular connectivity

An industry-grade cellular communication network enables using wireless sensors (easy to add in already existing processes) and connecting fixed and mobile robots without complex and inflexible cabling.

5G will play a key role for data collection from shop-floor level and for enabling robot control in cloud.



Ericsson
radio
antenna



Robotic
arm

Welding
gun

Conveyor

Legacy
control
system

Radio base station
Core network
Virtual control
in cloud

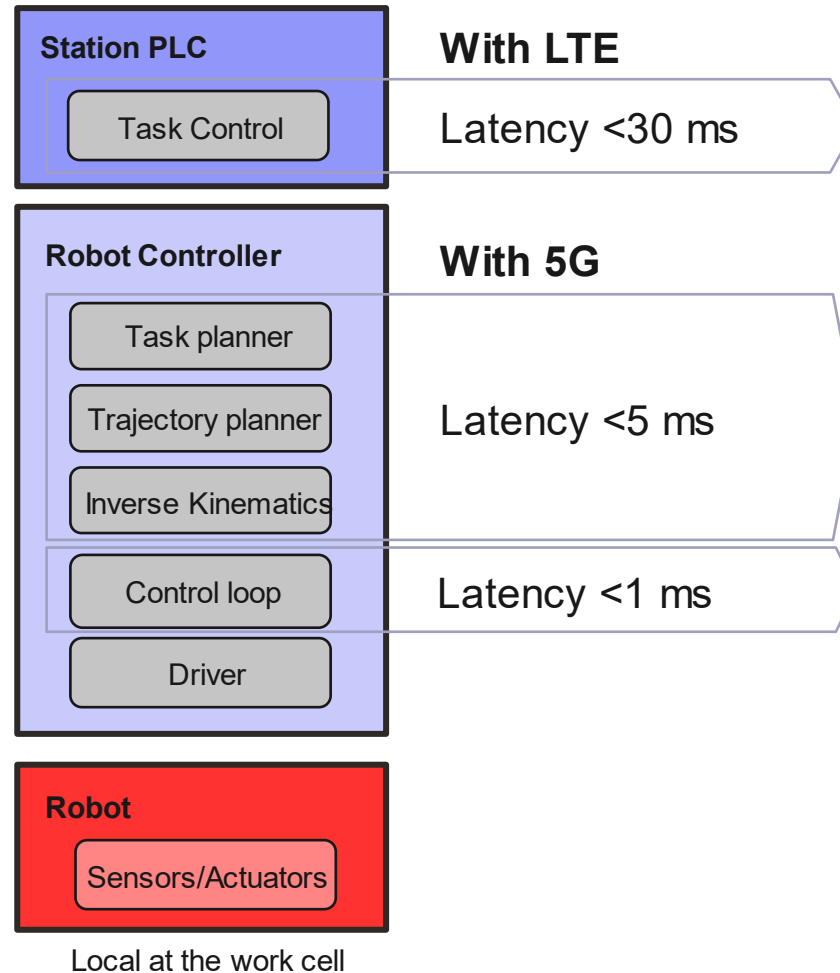
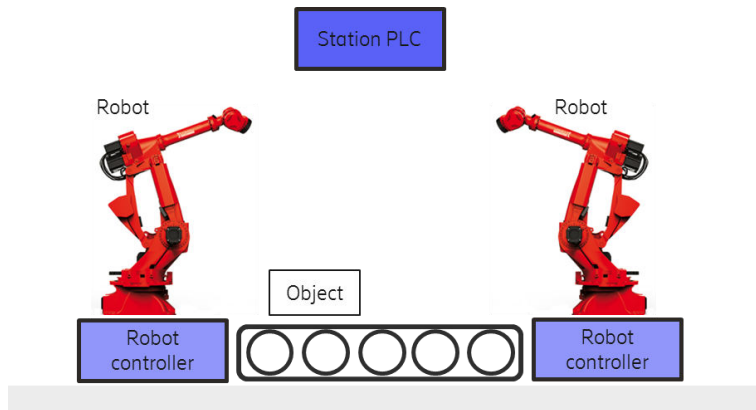
Demonstrated on MWC2018



**Partner to explore
potential of 5G
for smart
manufacturing**

- 5G** MULTIPLE INDUSTRIES
Any device can provide access to
the content and enable new business
opportunities across industries
- 4G** VIDEO
Smartphones popularization and mobile
data traffic exponentially increase
- 3G** BROWSING
Feature phones and mobile broadband
introduction
- 2G** VOICE
Massive mobile voice communication

Control functions in cloud



Cloud

Control logic over wireless and deployed on a cloud-platform.

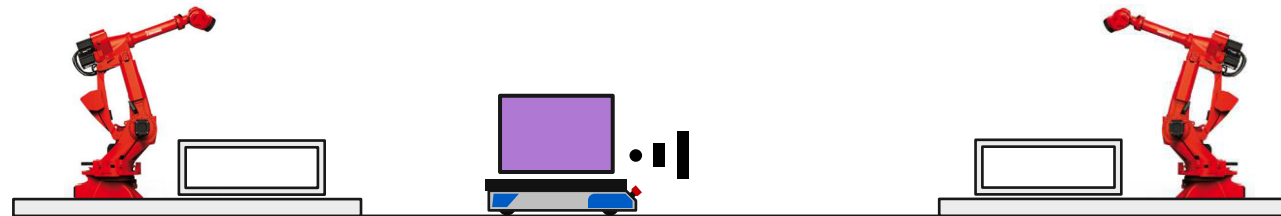
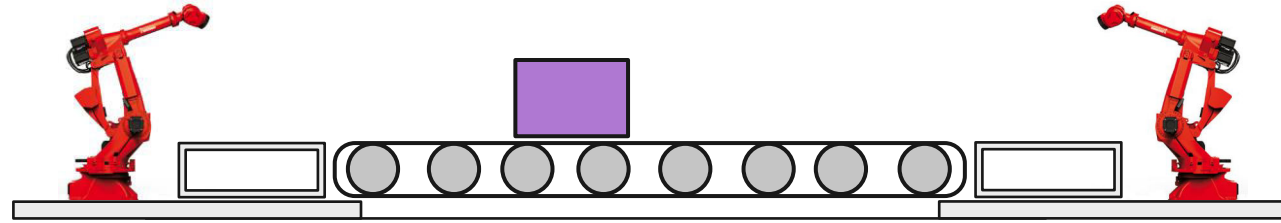
Benefits:

- Easier implementation of new control features
- No new PLC hardware is needed when new actuators are deployed
- Deployment of different level of control functions on the same platform: factory, cell, actuator level
- Cooperative device control





Automated guided vehicles





Vodafone booth

Ericsson booth

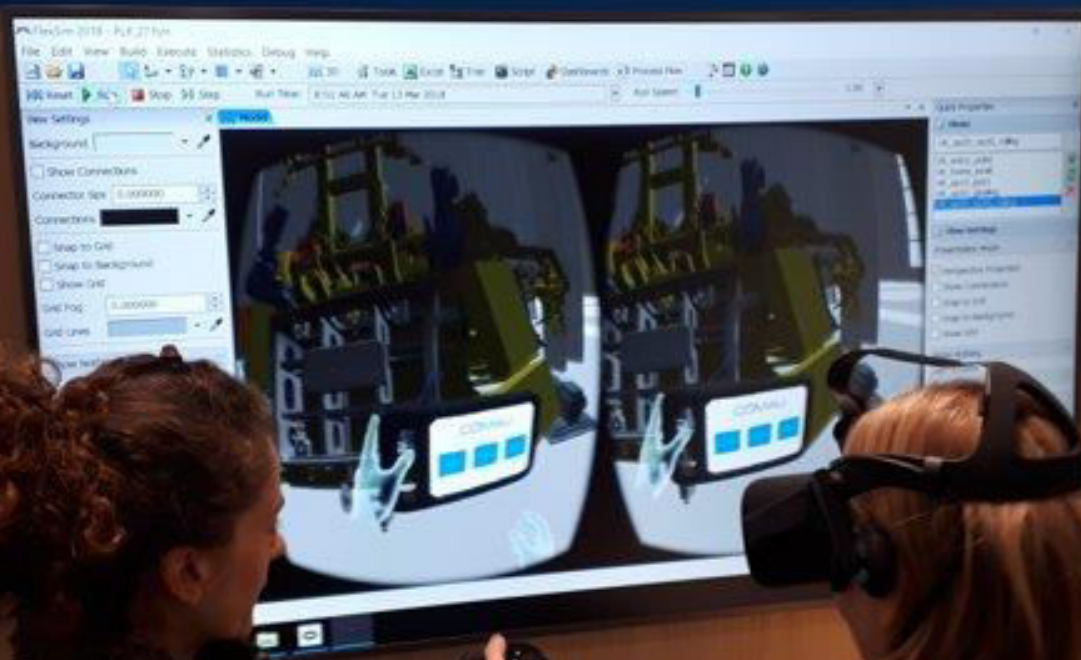
Meet your
consultant



VR monitoring of production lines

Smart wireless manu

Industry Connect – fast to deploy, easy to



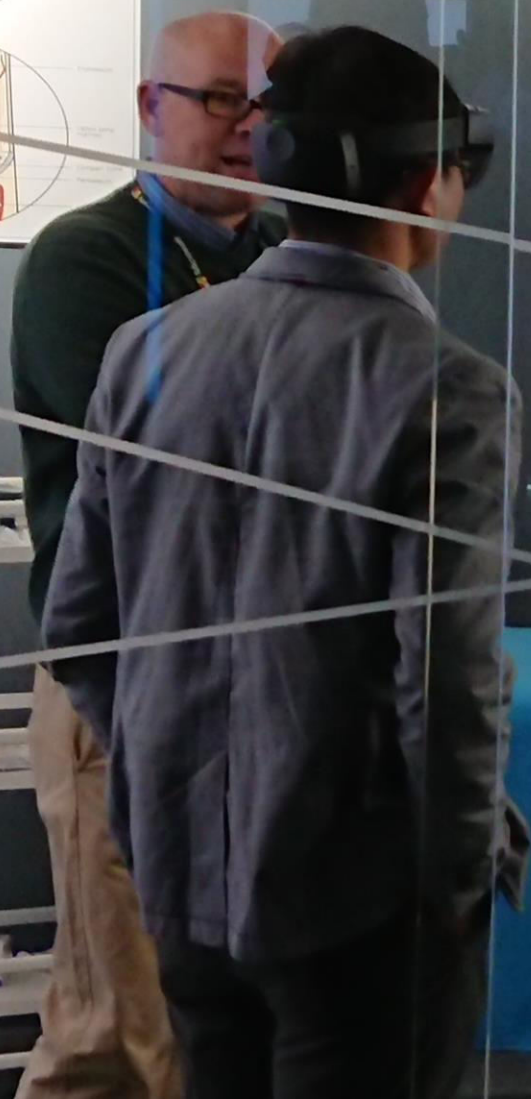
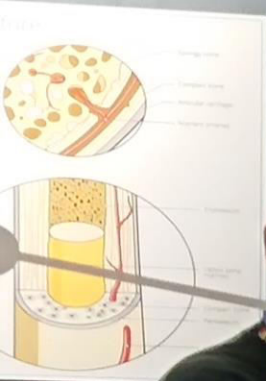
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28



Guided
Tours
2019





olutionizing consumer
periences with 5G







Cloud robots
perfect sync

ERICSSON

5G-SMART

EU ICT 2019

