



HAHN DIGITAL

enhancing operational technology

HAHN
AUTOMATION



HAHN
DIGITAL

GeKu®



KITOV.ai

rethink
robotics.

HAHN
ROBOTICS

HAHN
ROBSHARE

waldorf
>>> technik

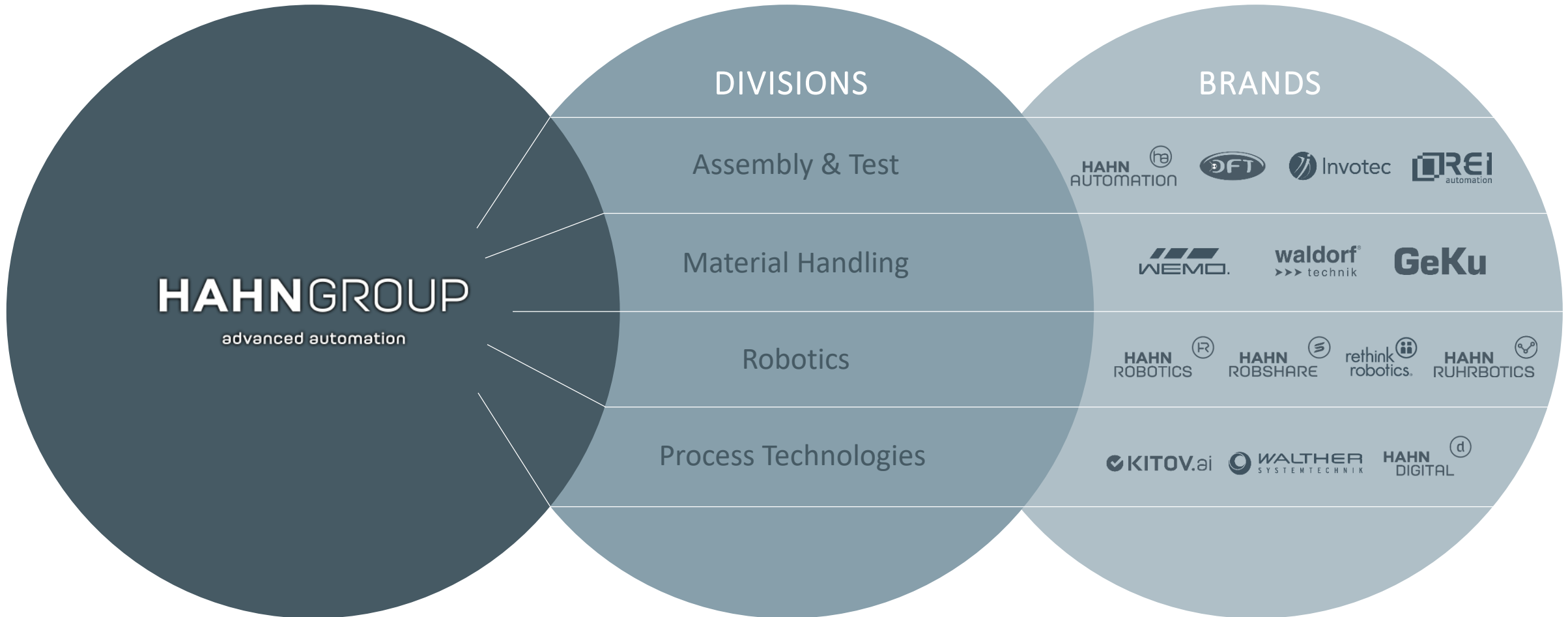
WALTHER
SYSTEMTECHNIK

WEMO.

Your way to the smart factory

Expertenforum Digitalisierung und Automation, December 5th 2019

HAHN Digital is part of the HAHN Group



HAHN Group Overview

13 countries

14 brands

1.400 employees

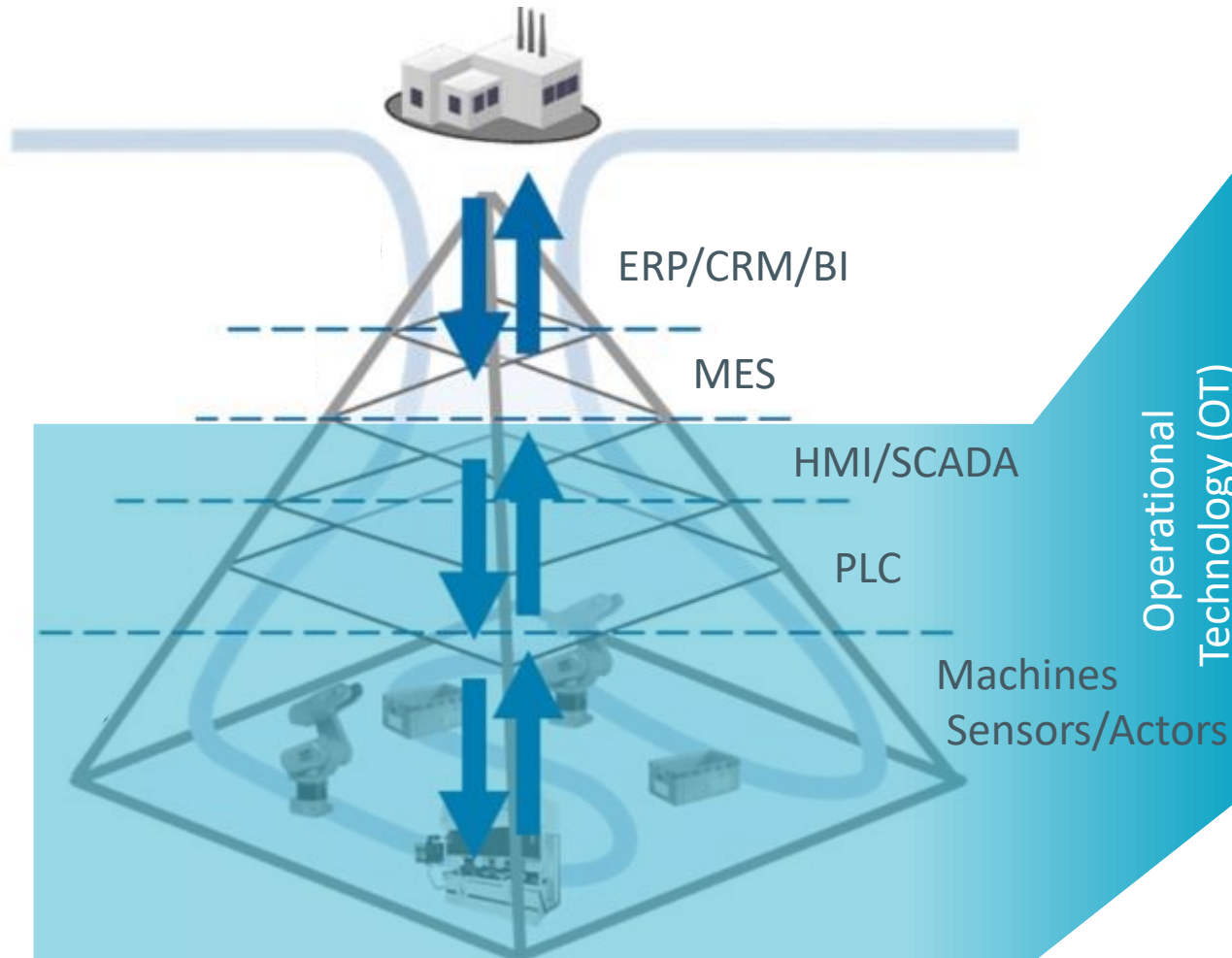


part of the **HAHNGROUP**

HAHN Digital supports the OT Digital Transformation of manufacturing companies

“

The combination **Digital & manufacturing expertise** is becoming mission critical to develop **lasting solutions**.



- A new segment to create data insights
- Value-creating digital services and new business models
- Combining consulting and services

Our users benefit from increased efficiency



PROCESS ENGINEERS



MACHINE OPERATOR

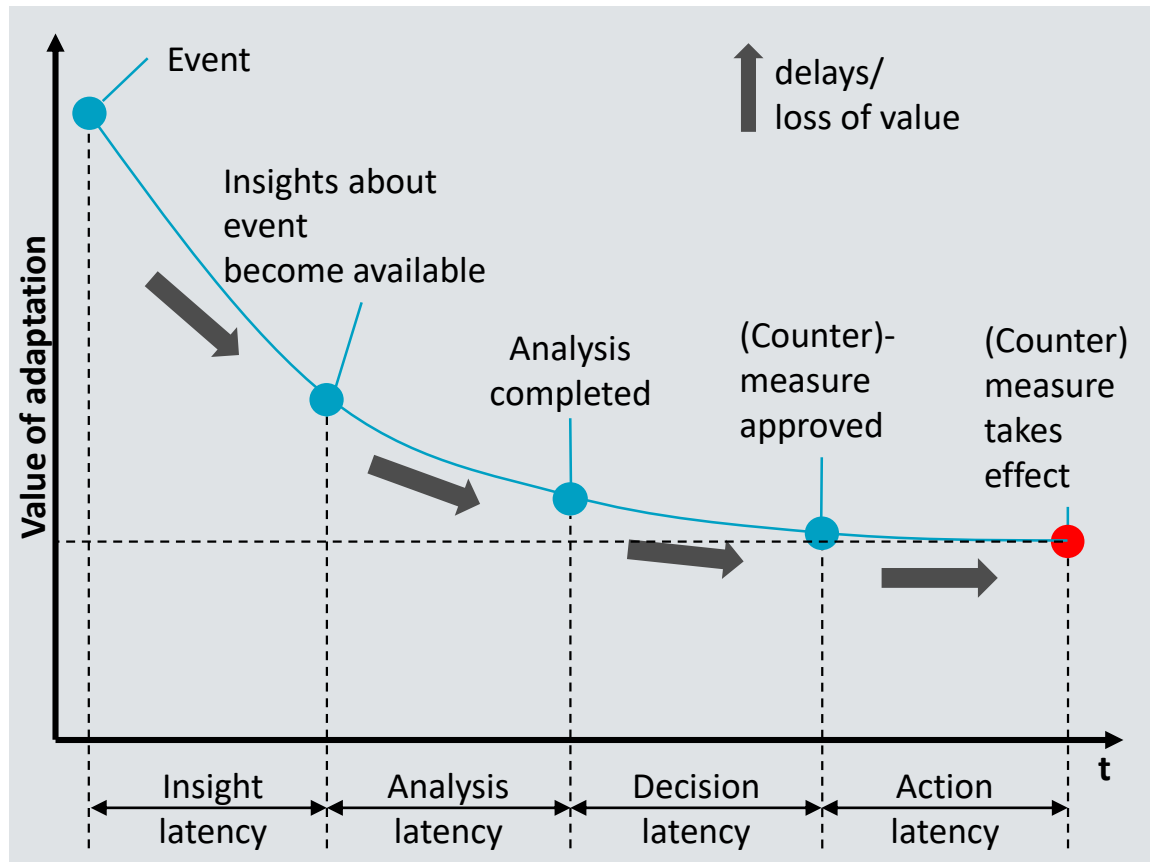


MANAGEMENT

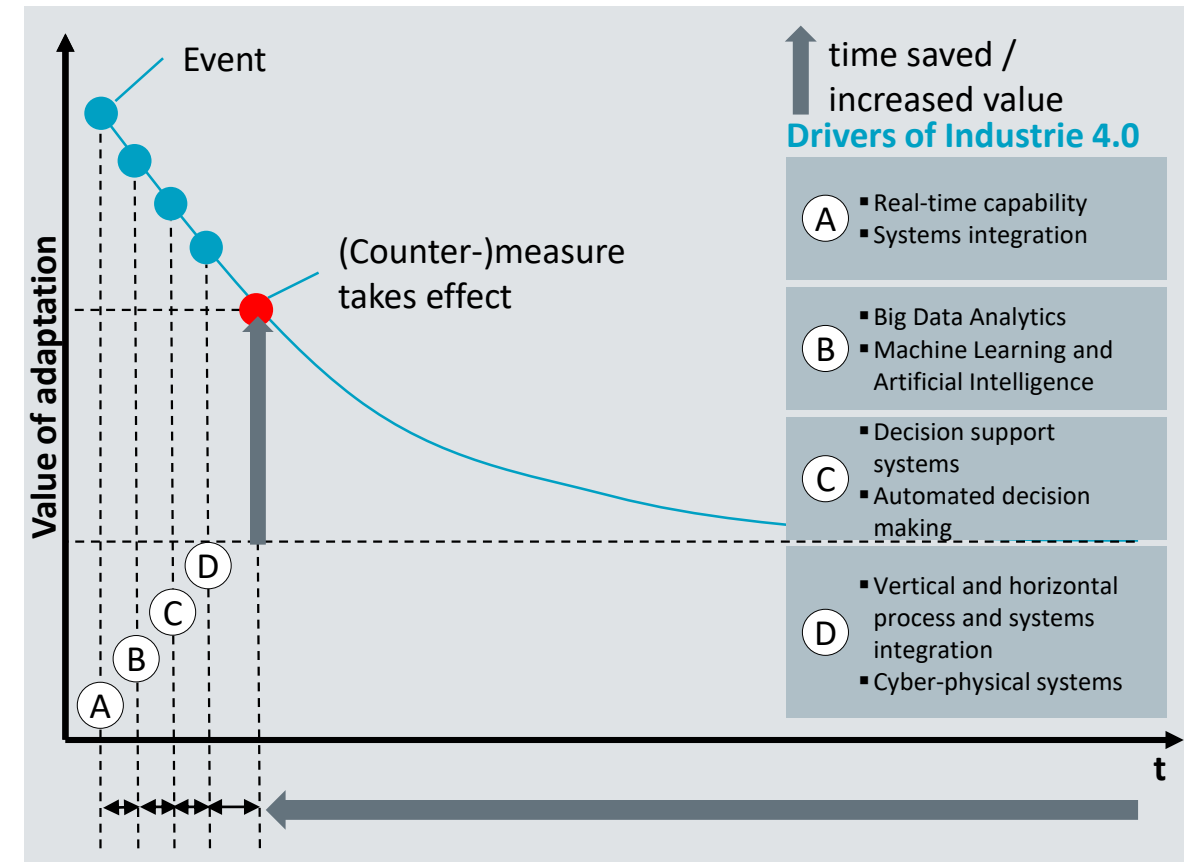
Detailed views, Optimization through Predictive Analysis, Individual customization, Personal dashboards

Digital businesses outperform traditional businesses because of lower latencies in the entire reaction chain

Typical reaction of **traditional companies** to unplanned event



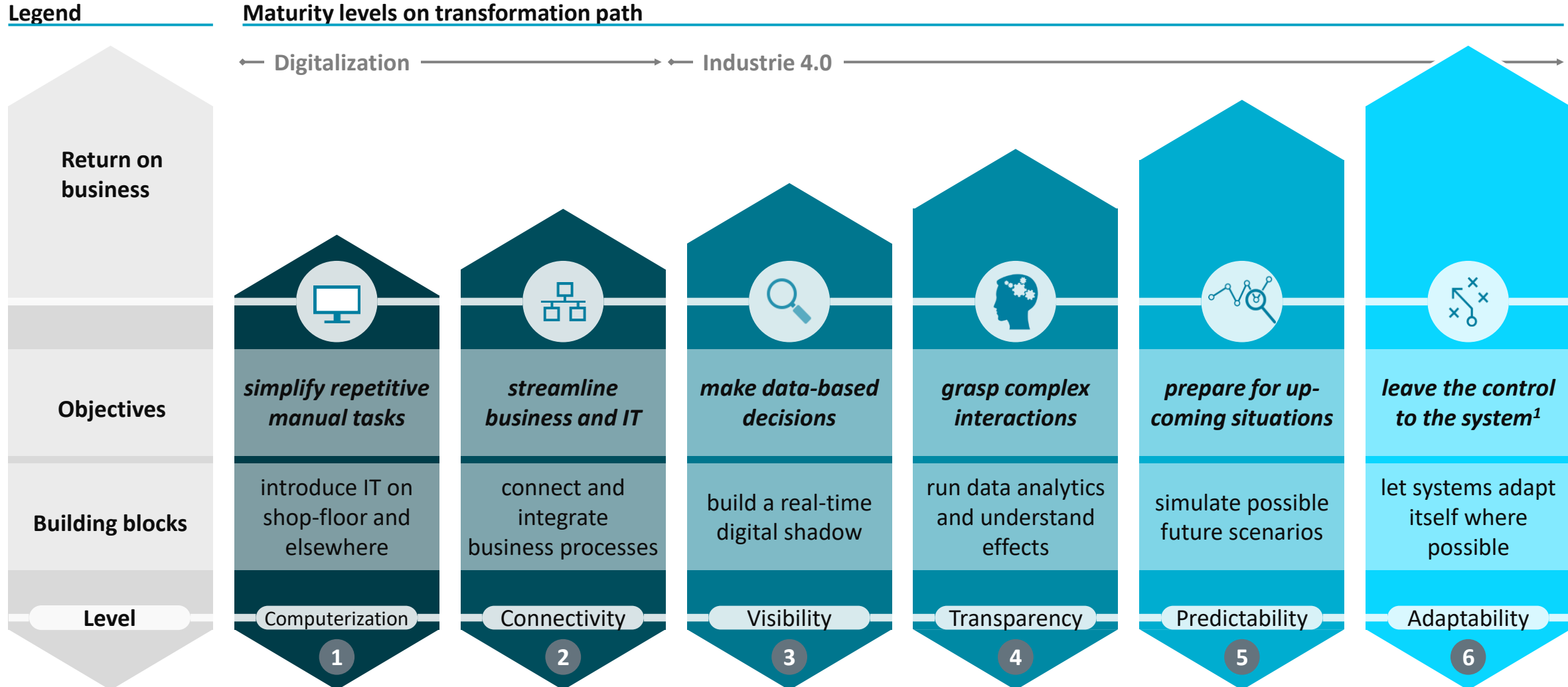
Typical reaction of **agile companies** to unplanned event



▶ Manufacturing companies are enabled by Industrie 4.0 to react a lot faster towards unforeseen events thus saving value in the according process

Source: i4.0MC – Industrie 4.0 Maturity Center GmbH | RWTH Aachen Campus

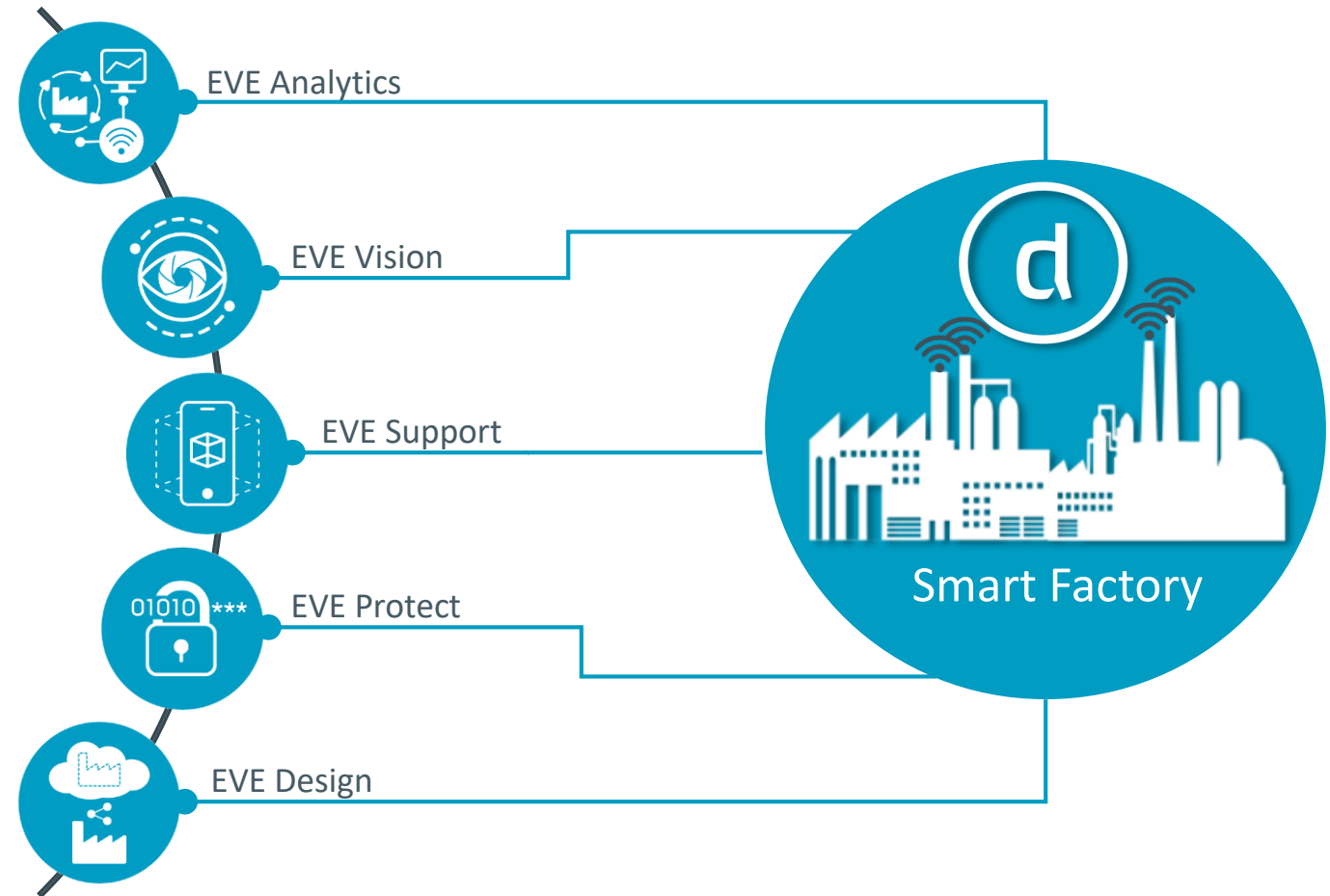
Stepwise approach of digital transformation leads to a leverage of diverse potentials



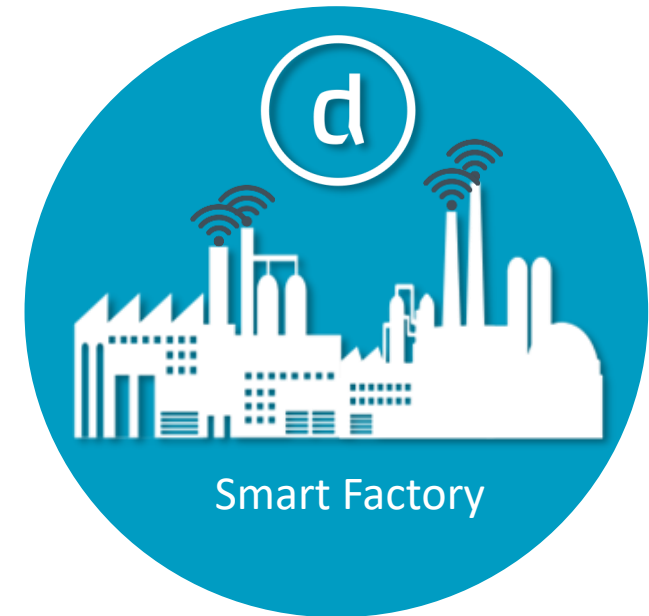
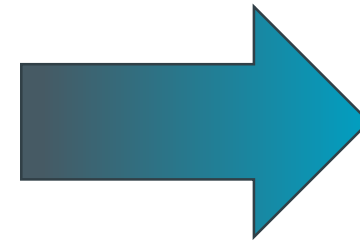
Source: i4.OMC – Industrie 4.0 Maturity Center GmbH | RWTH Aachen Campus

1) within narrow limits, e.g. a production cell

HAHN Digital offers smart services to accelerate manufacturing



Complex topics of digital transformation are supported by consulting services





EVE Analytics

Monitoring and analysis of production data

- Pilot
- Implementation (not applicable, if pilot done)
- Monthly fee afterwards
- Data connectivity on project basis



EVE Vision

Smart visual inspection for nearly any product

- Purchase option
- Rental option



EVE Support

AR based customer support

- AR-glasses
- Yearly license fee



EVE Protect

Cybersecurity for firmware of components

- Pilot for one component
- Unlimited license per component

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