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Workshop Digitalisierung in der Industrie Zwillinge mit Potential

Wie hilft der Digitale Zwilling zukünftige Herausforderung zu meistern?

Herausforderungen am Beispiel einer Automobilfertigung

Integrating and digitalizing the entire value chain

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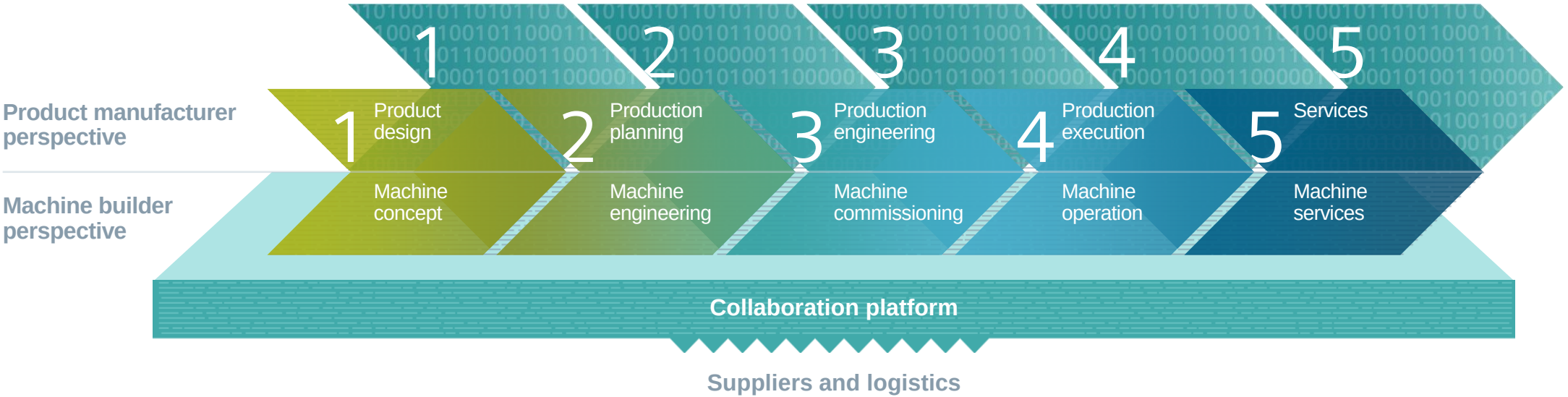

End-to-end solutions for all industries

Numerous starting possibilities

Brownfield or greenfield

Standardized and open interfaces

Creating a powerful digital twin to merge the virtual with the real world

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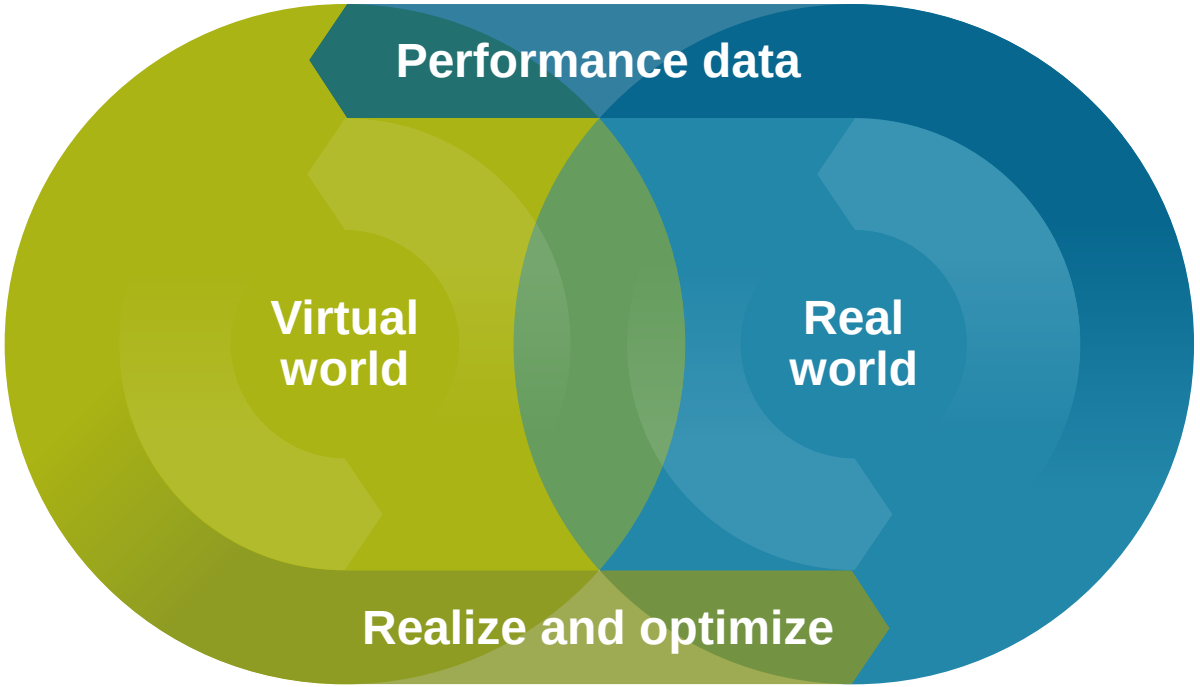
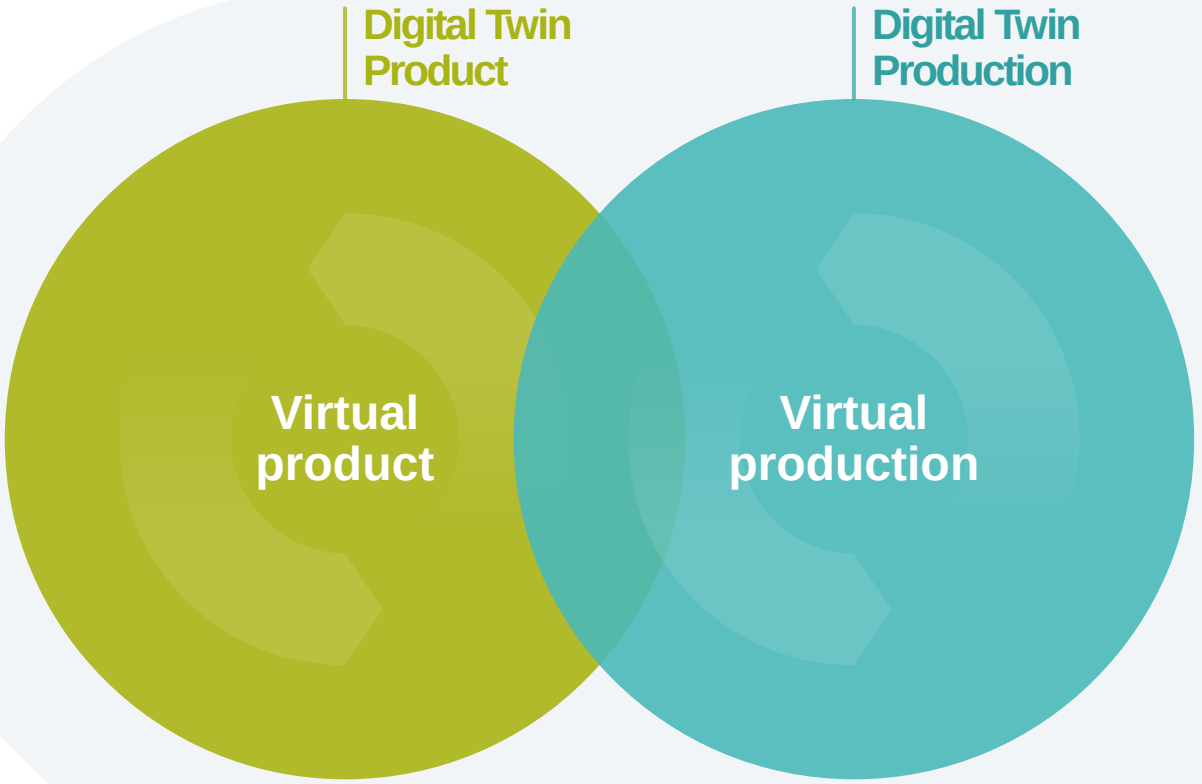


The most holistic Digital Twin

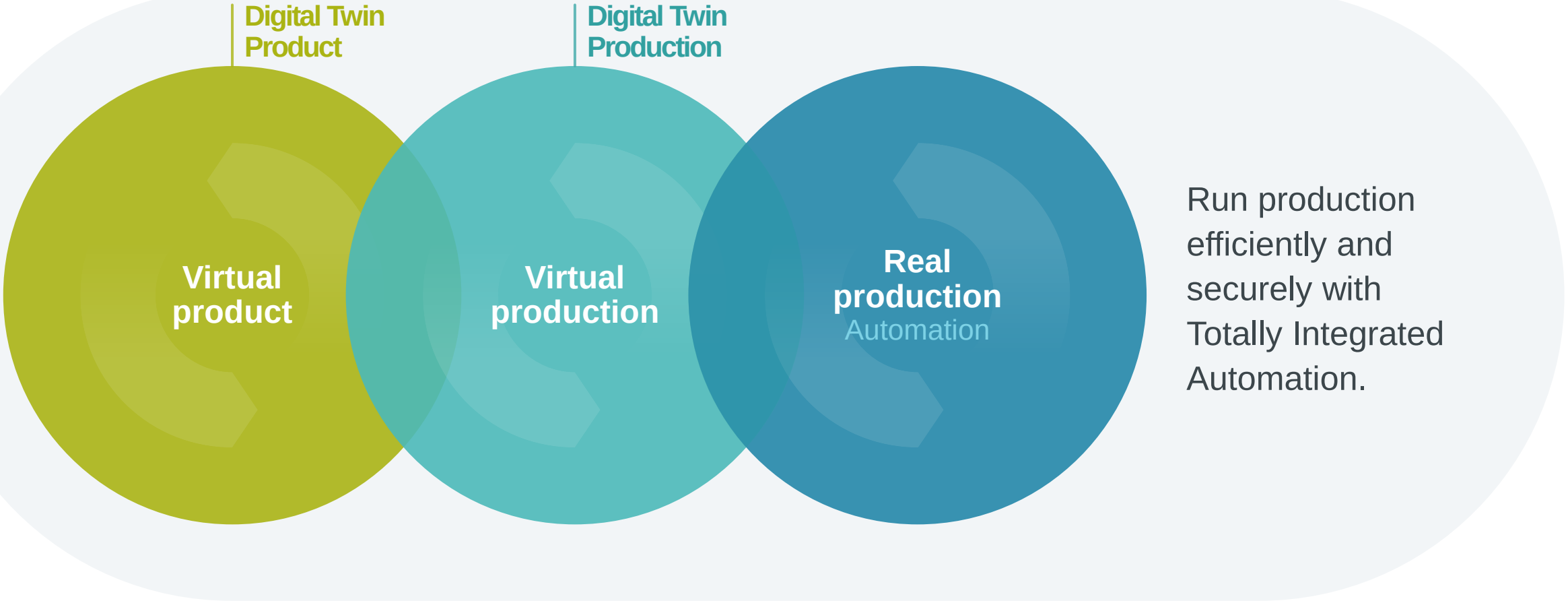
Design, simulate, and verify products digitally, including mechanics and multi-physics, electronics and management of software

The most holistic Digital Twin



Plan, simulate, predict and optimize production digitally with PLC code generation and virtual commissioning.

The most holistic Digital Twin



Run production efficiently and securely with Totally Integrated Automation.

The most holistic Digital Twin

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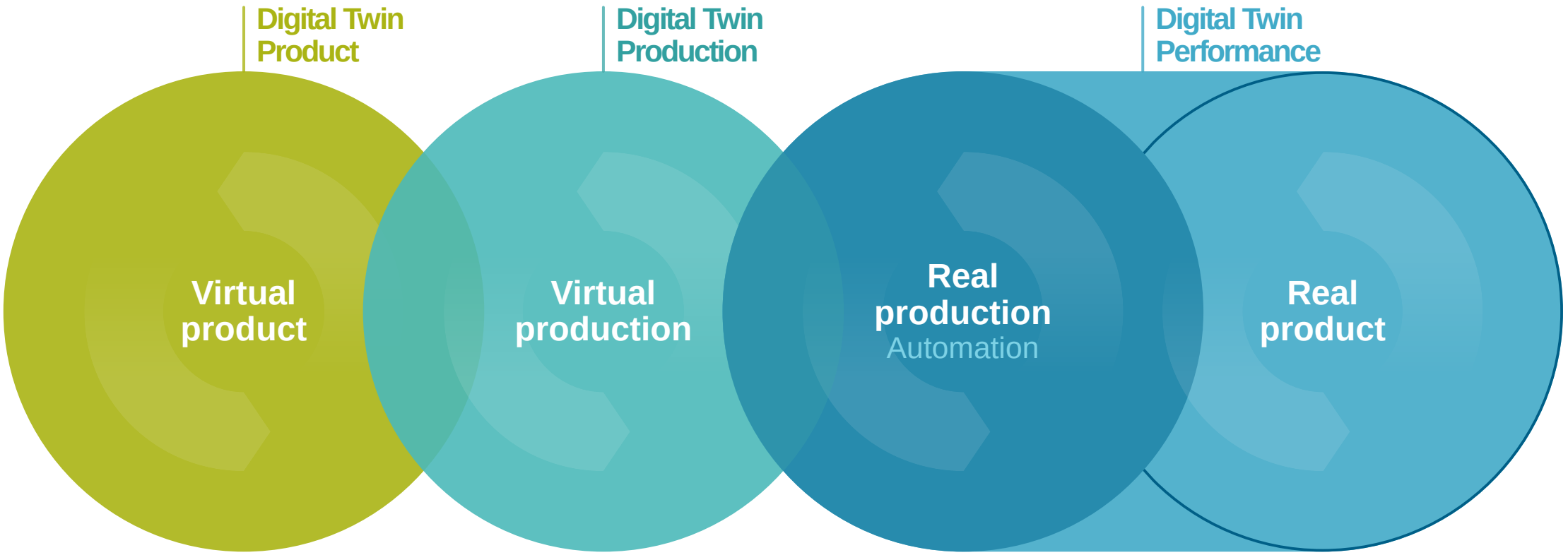

Workshop
Erarbeiten der Anforderungen an den digitalen Zwilling

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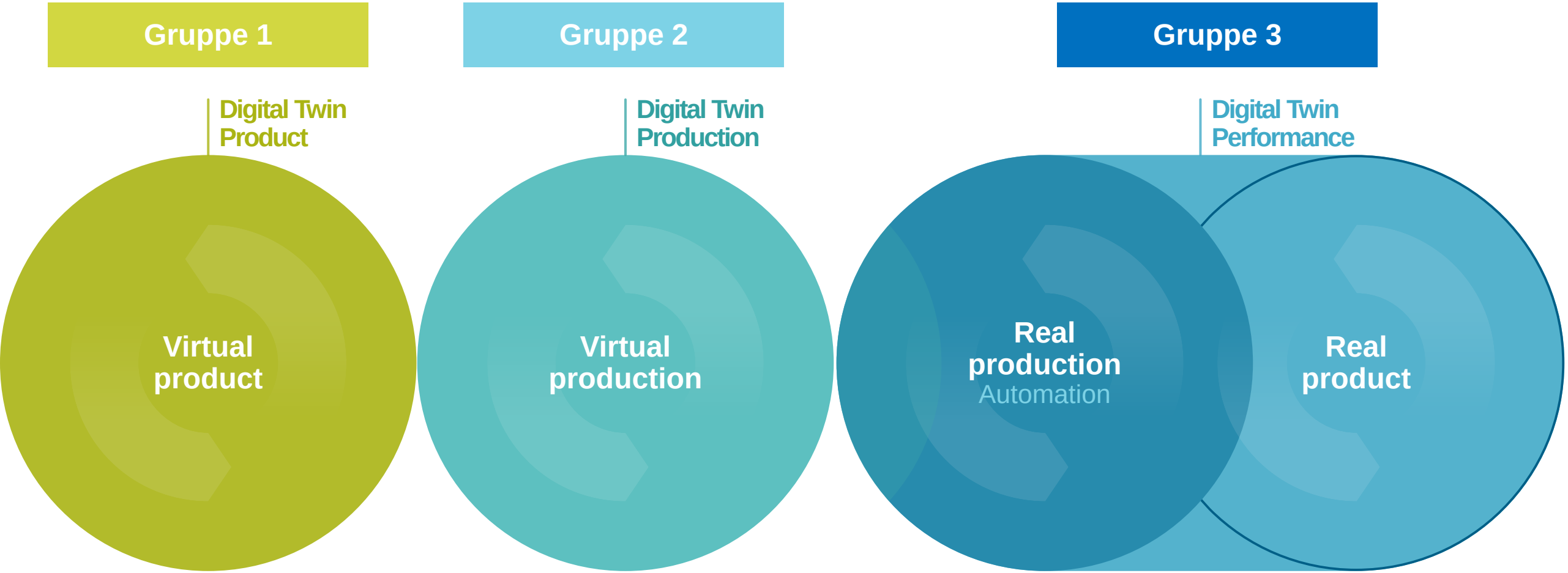

Workshop
Erarbeiten der Anforderungen an den digitalen Zwilling

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Gruppe 1

Digital Twin Product

Welche Anforderungen haben Sie an den digitalen Zwilling des Produktes?

Welche Simulationsmöglichkeiten Verwenden Sie bereits oder Können Sie sich vorstellen?

Gruppe 2

Digital Twin Production

Welche Anwendungsfälle eines digitalen Zwilling in der Produktion Sehen Sie?

Wer ist bei der Erstellung/ Nutzung dieses digitalen Zwillings beteiligt?

Gruppe 3

Digital Twin Performance

Wie werden heute Daten/Informationen der realen Produktion erfasst?
Wer hat wie Zugang zu diesen Daten?

Wie werden heute Optimierungen Von bestehenden Maschinen Anlagen Durchgeführt? Und wie kann dies der Digitale Zwilling verbessern?

Gruppe 1

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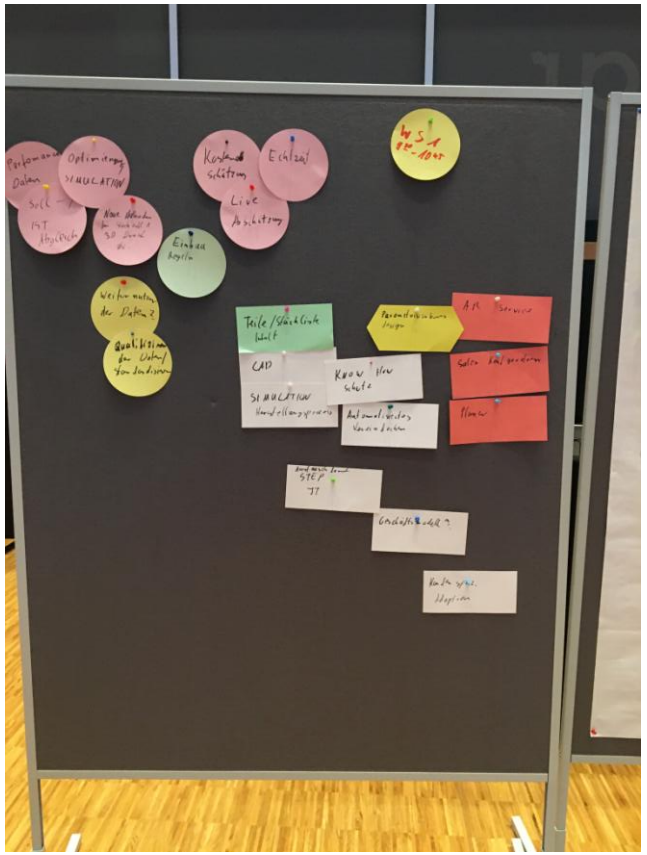
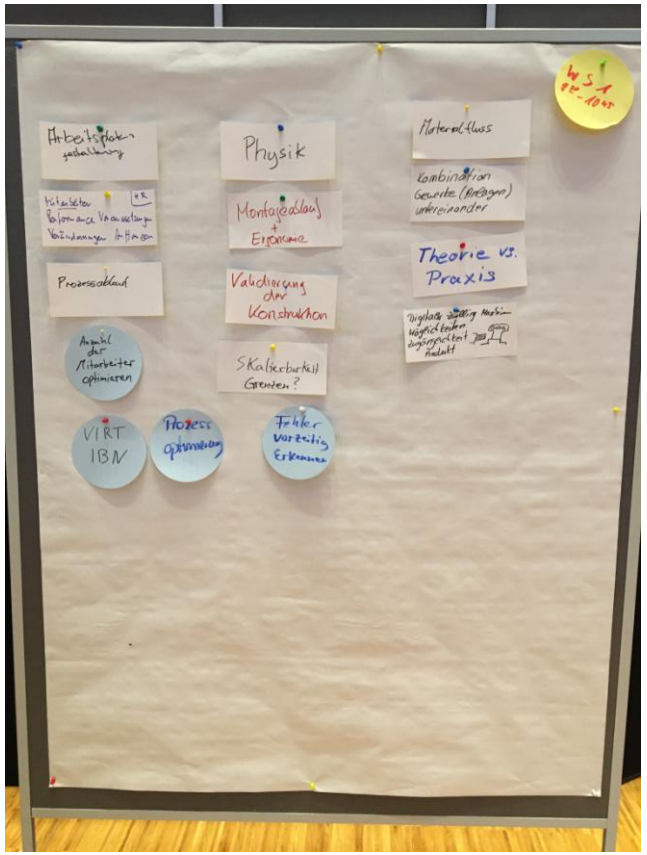
Digital Twin Product



Digital Twin Production



Digital Twin Performance

Gruppe 2

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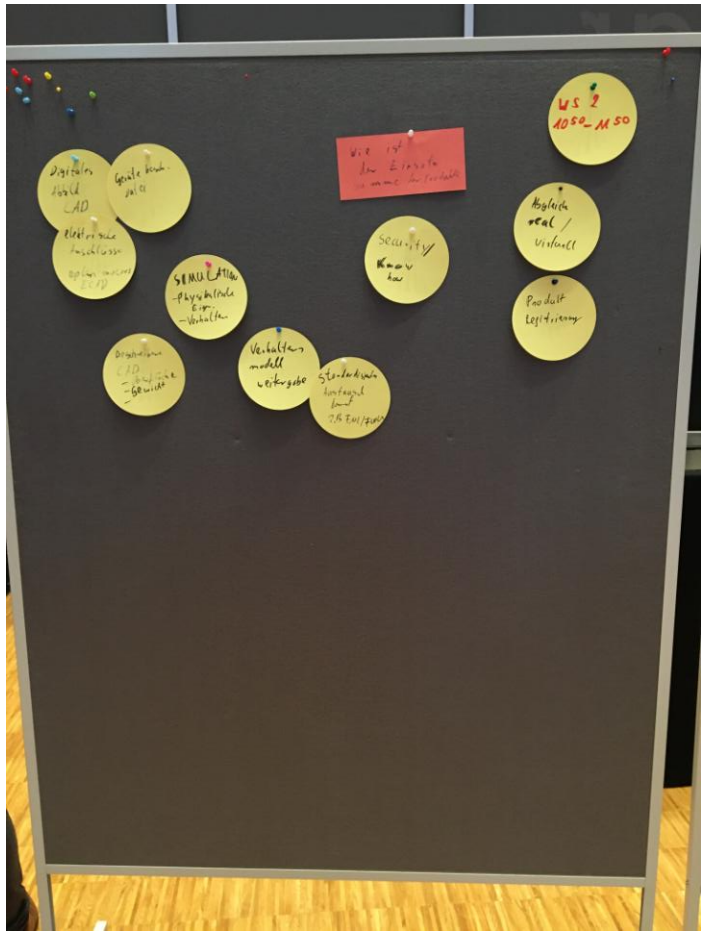
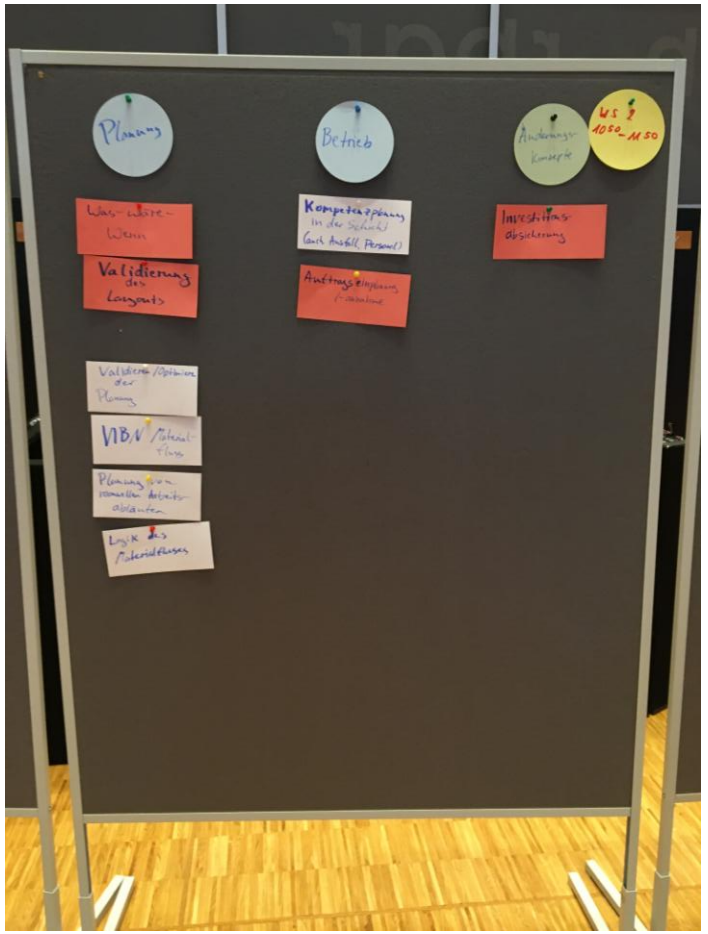
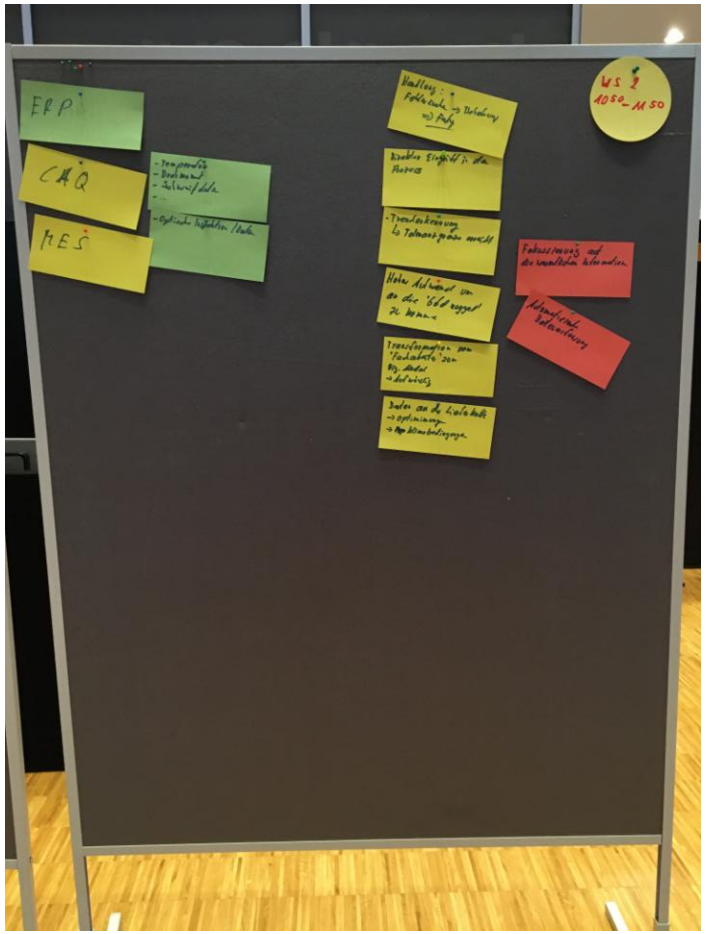
Digital Twin Product



Digital Twin Production



Digital Twin Performance



Gruppe 3

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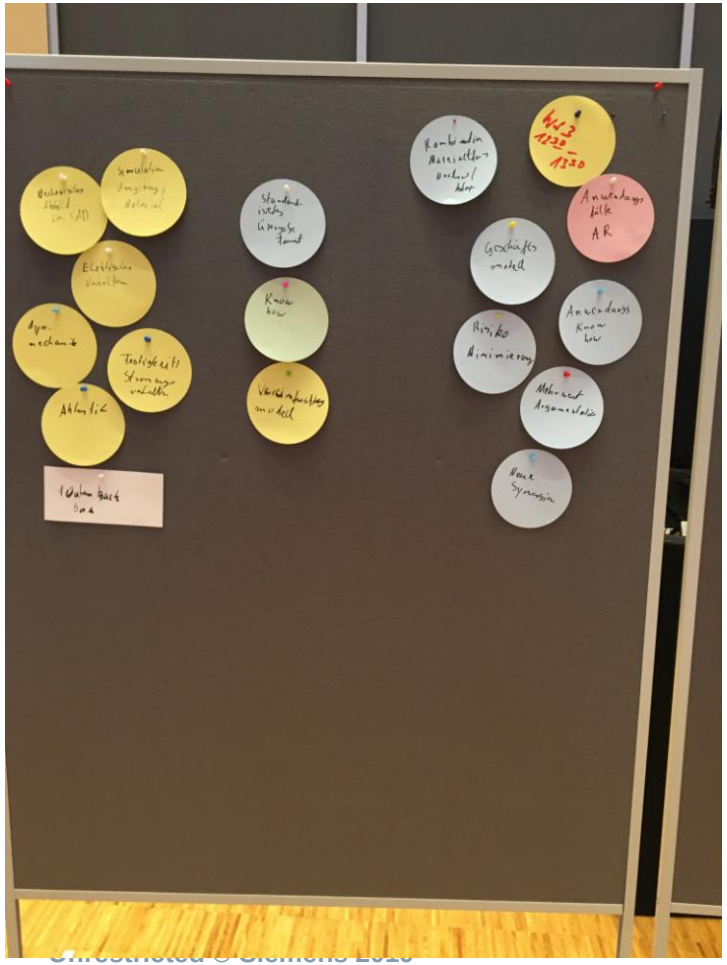
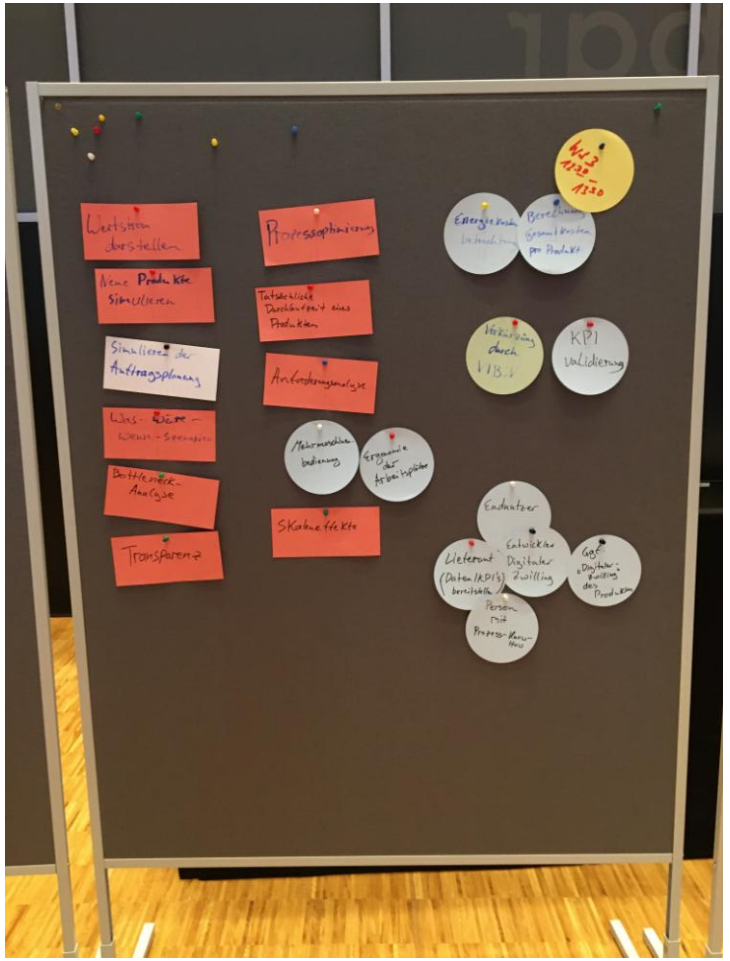
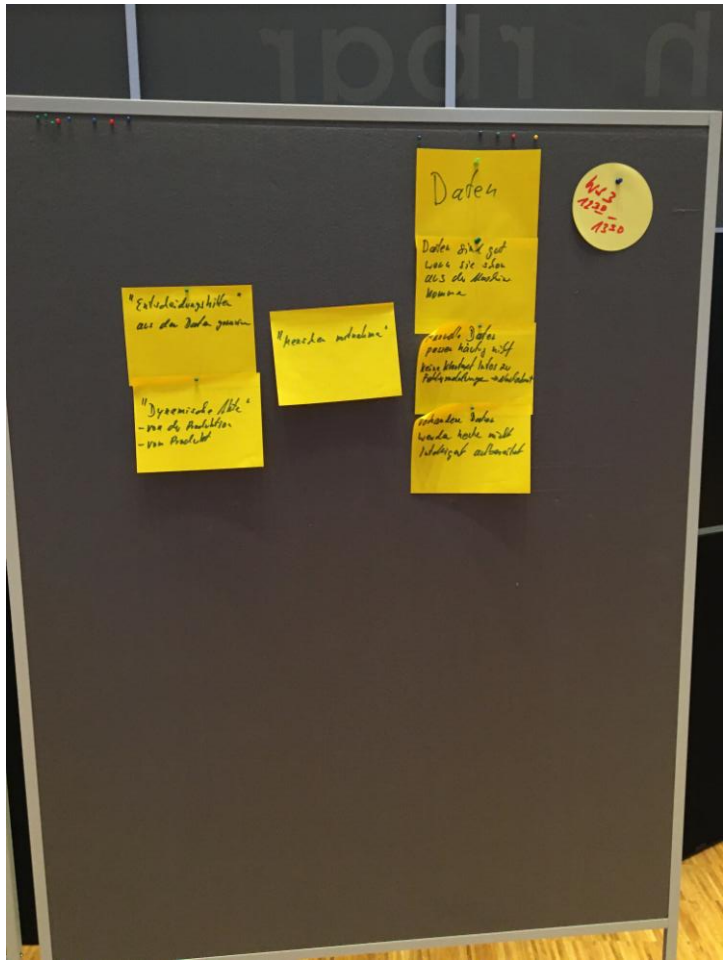
Digital Twin Product



Digital Twin Production



Digital Twin Performance



Gruppe 4

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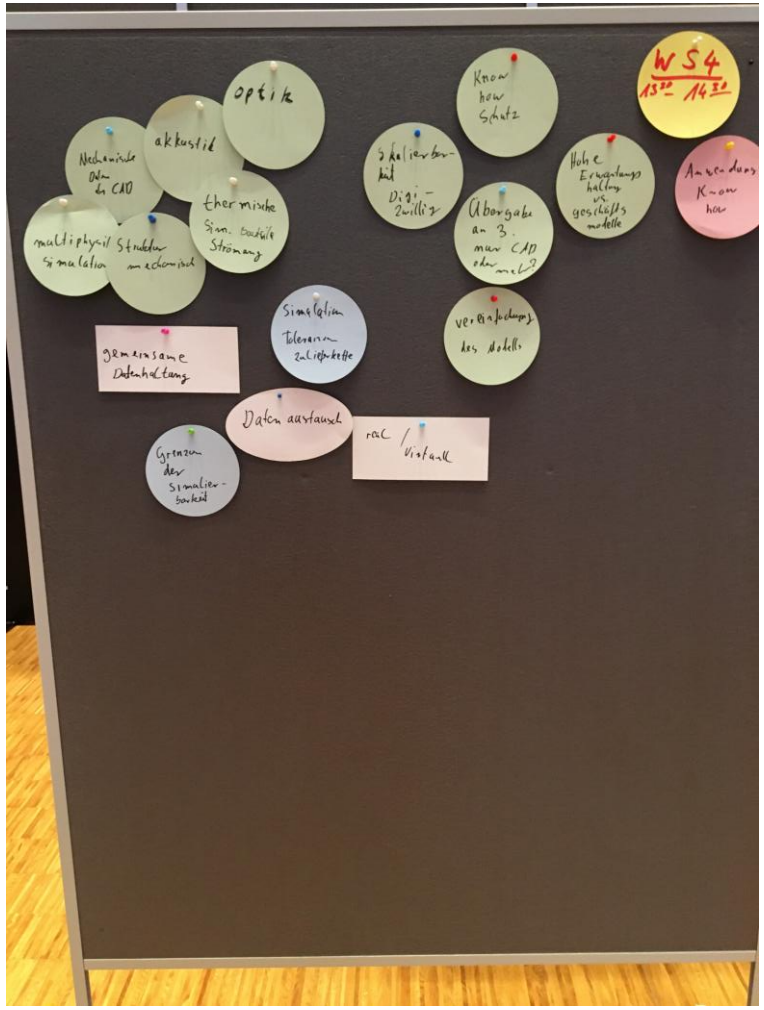
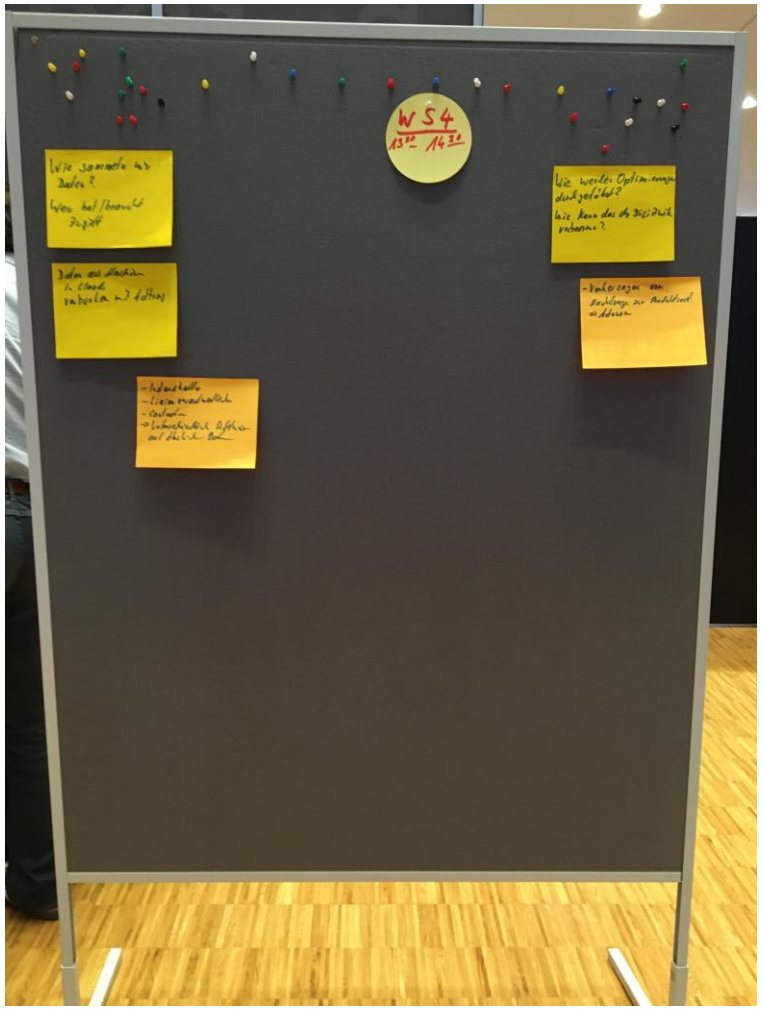
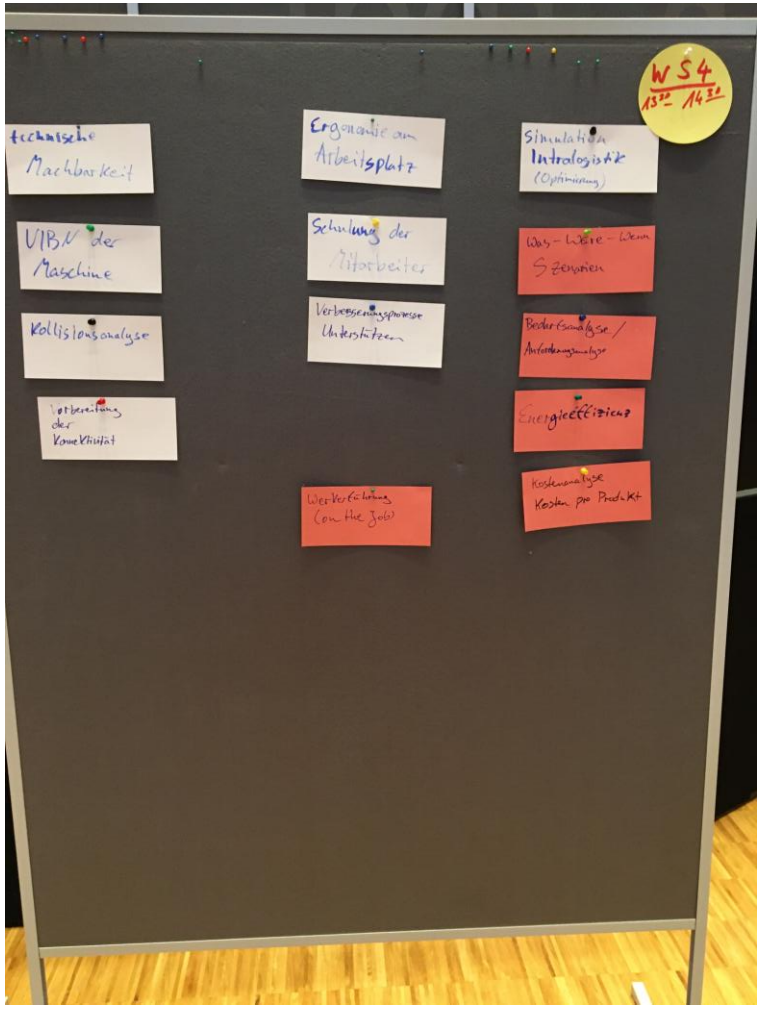
Digital Twin Product



Digital Twin Production



Digital Twin Performance



The markets most holistic Digital Twin for a fully closed decision environment

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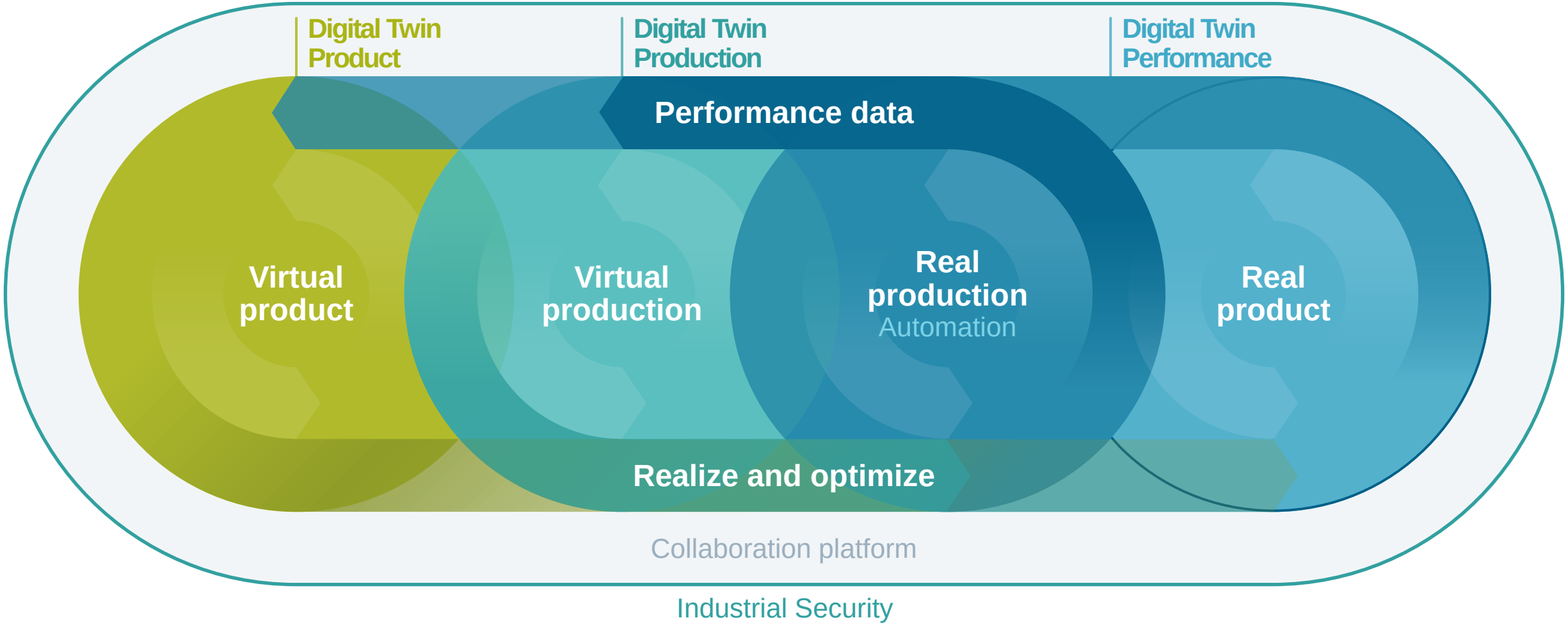


“Together with Siemens we can realize the vision of Industrie 4.0 at an early date.”

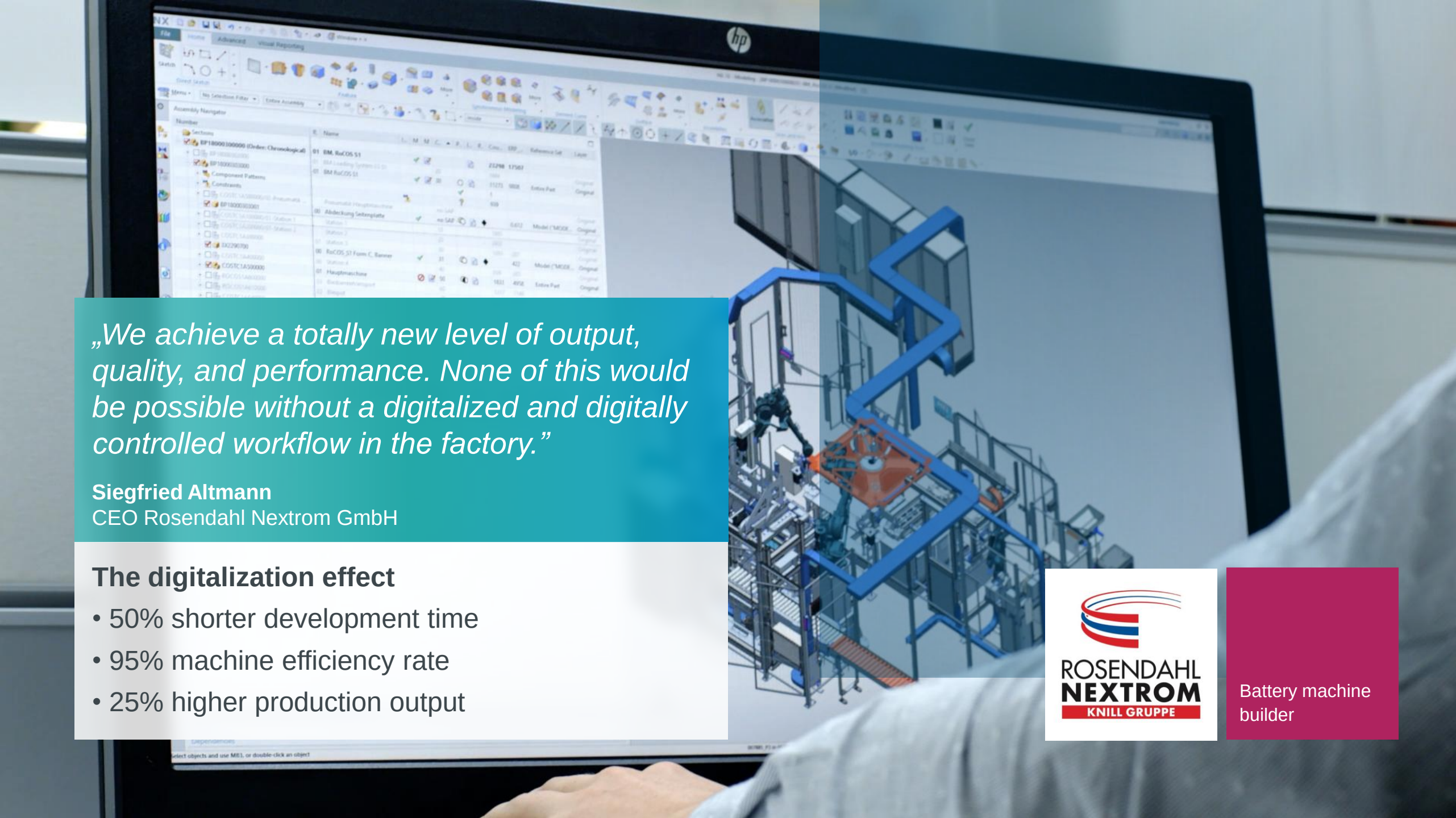
Wang Bin
VP of Guangzhou MINO Automotive Equipment Co.

The digitalization effect

- 30% reduced engineering time
- 50% faster commissioning time

MINO
Create value with our heart

Automotive solution provider



„We achieve a totally new level of output, quality, and performance. None of this would be possible without a digitalized and digitally controlled workflow in the factory.”

Siegfried Altmann
CEO Rosendahl Nextrom GmbH

The digitalization effect

- 50% shorter development time
- 95% machine efficiency rate
- 25% higher production output

ROSENDAHL NEXTROM
KNILL GRUPPE

Battery machine builder

Let’s start your digital journey together!

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