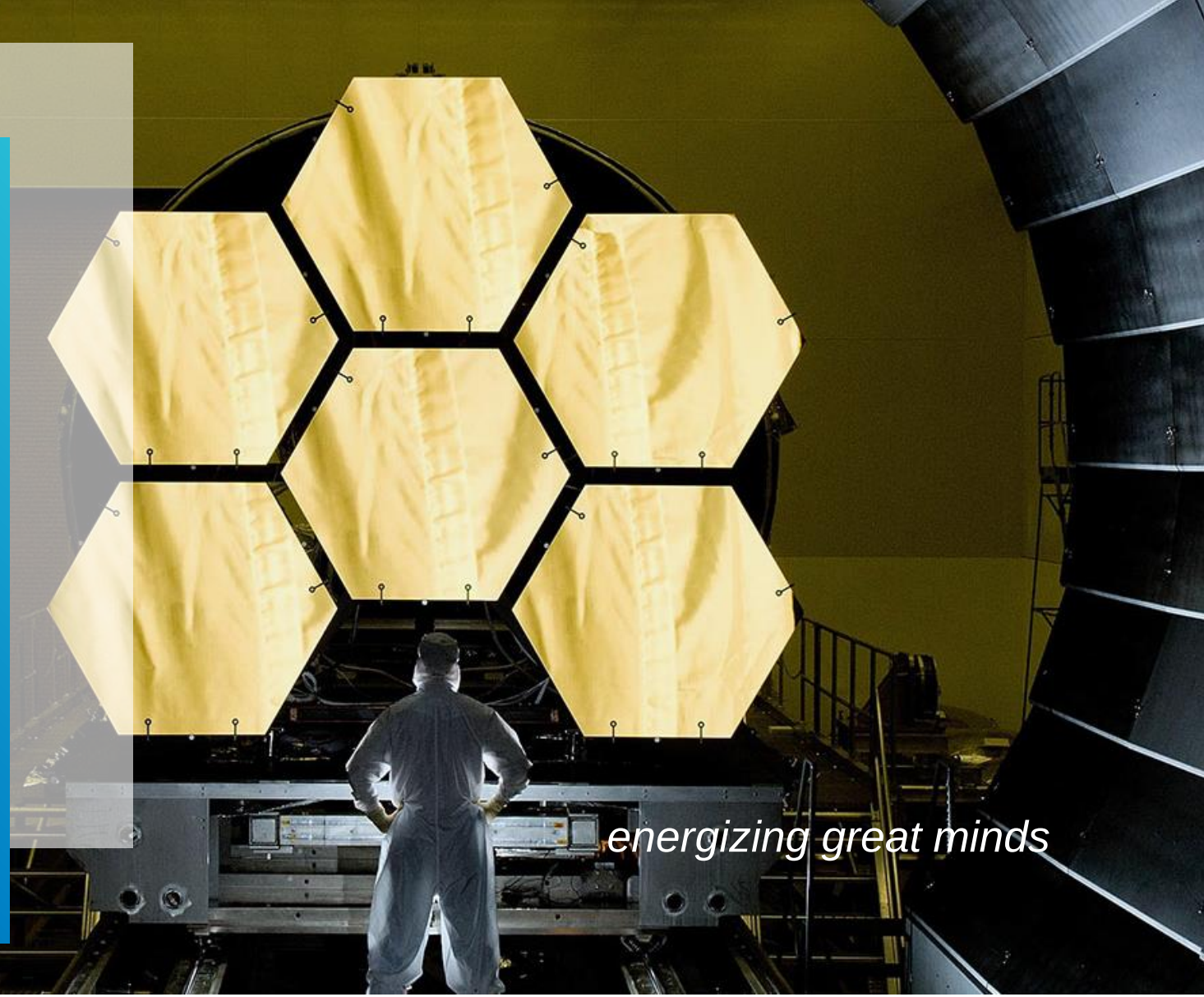
Produktentwicklung im Zeitalter des digitalen Zwillings

Philipp Schade
20. Bayreuther 3D-Konstrukteurstag
20.09.2018



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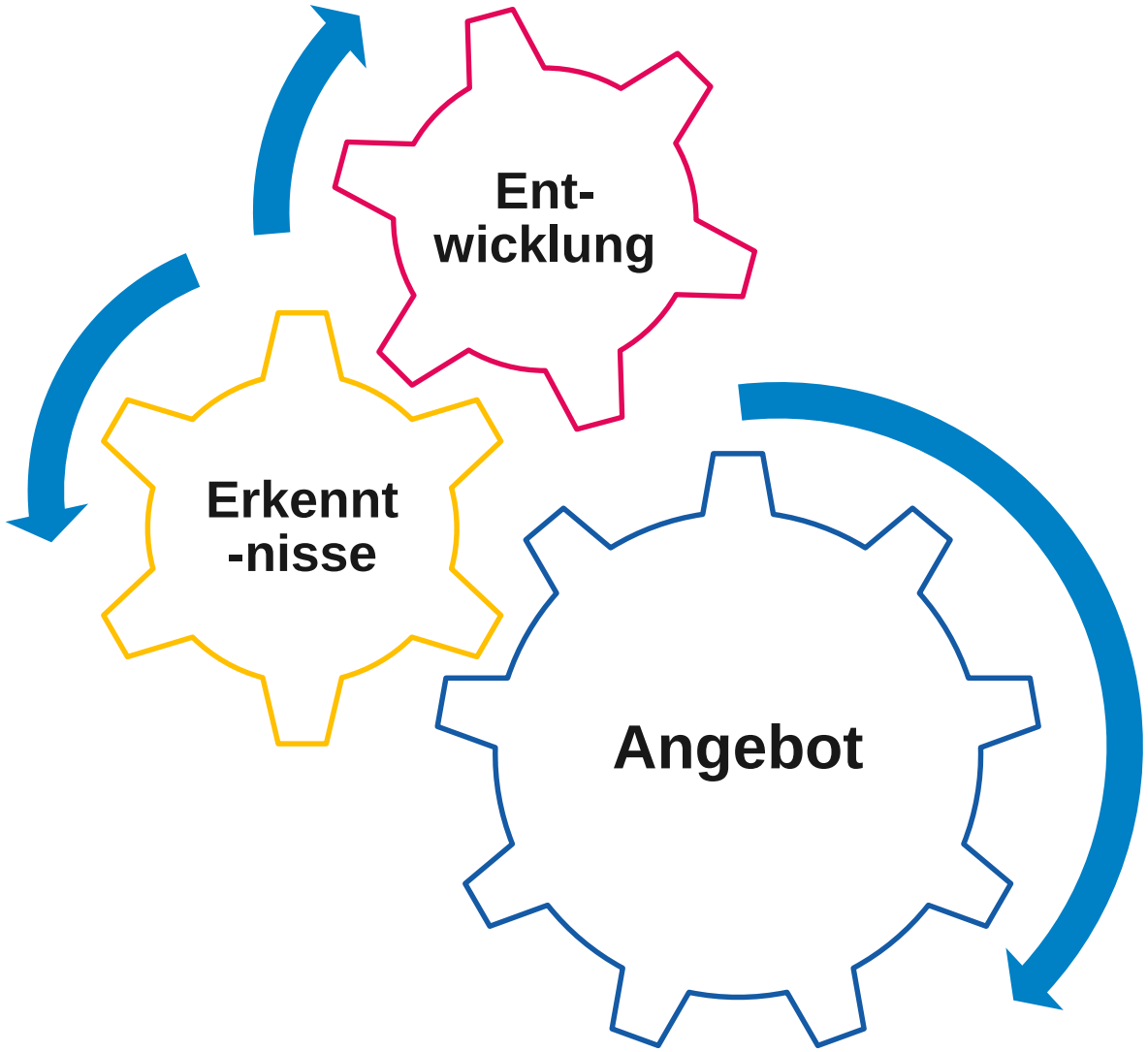

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„Der digitale Zwilling ist das virtuelle Gegenstück eines physischen Objekts im Feld im aktuellen Zustand.“

Stefan Gregorzik, CONTACT Software GmbH

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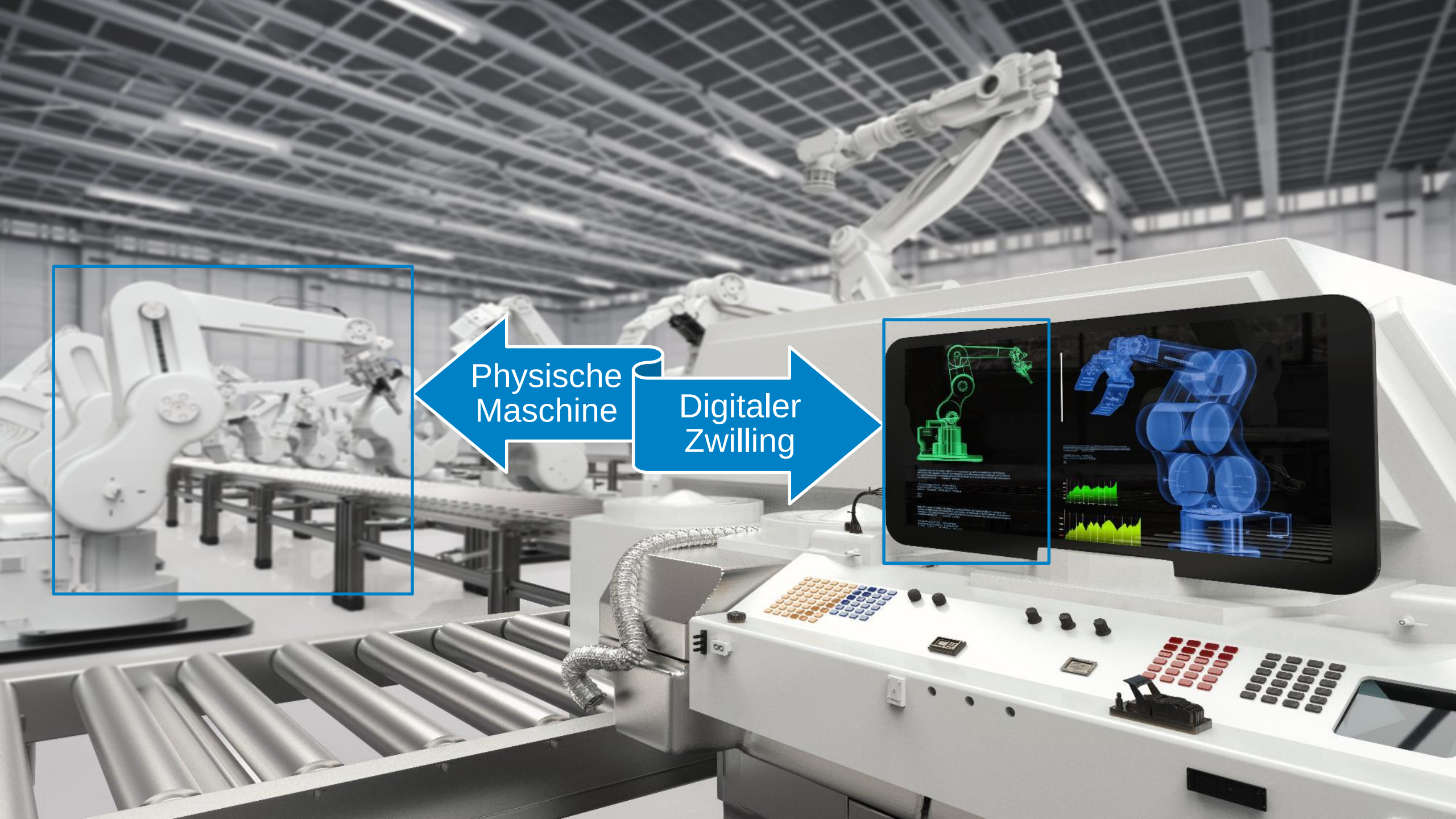
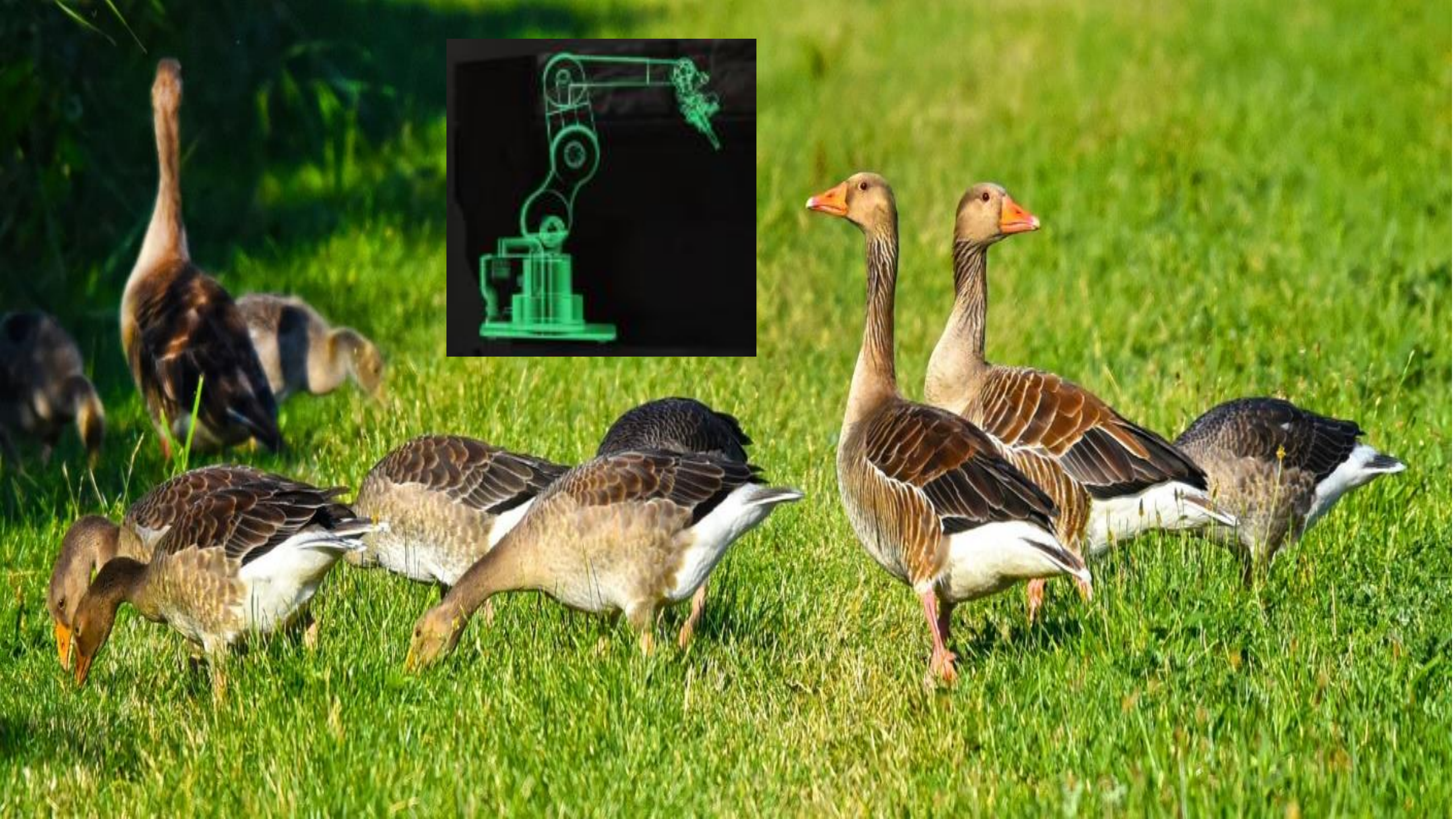
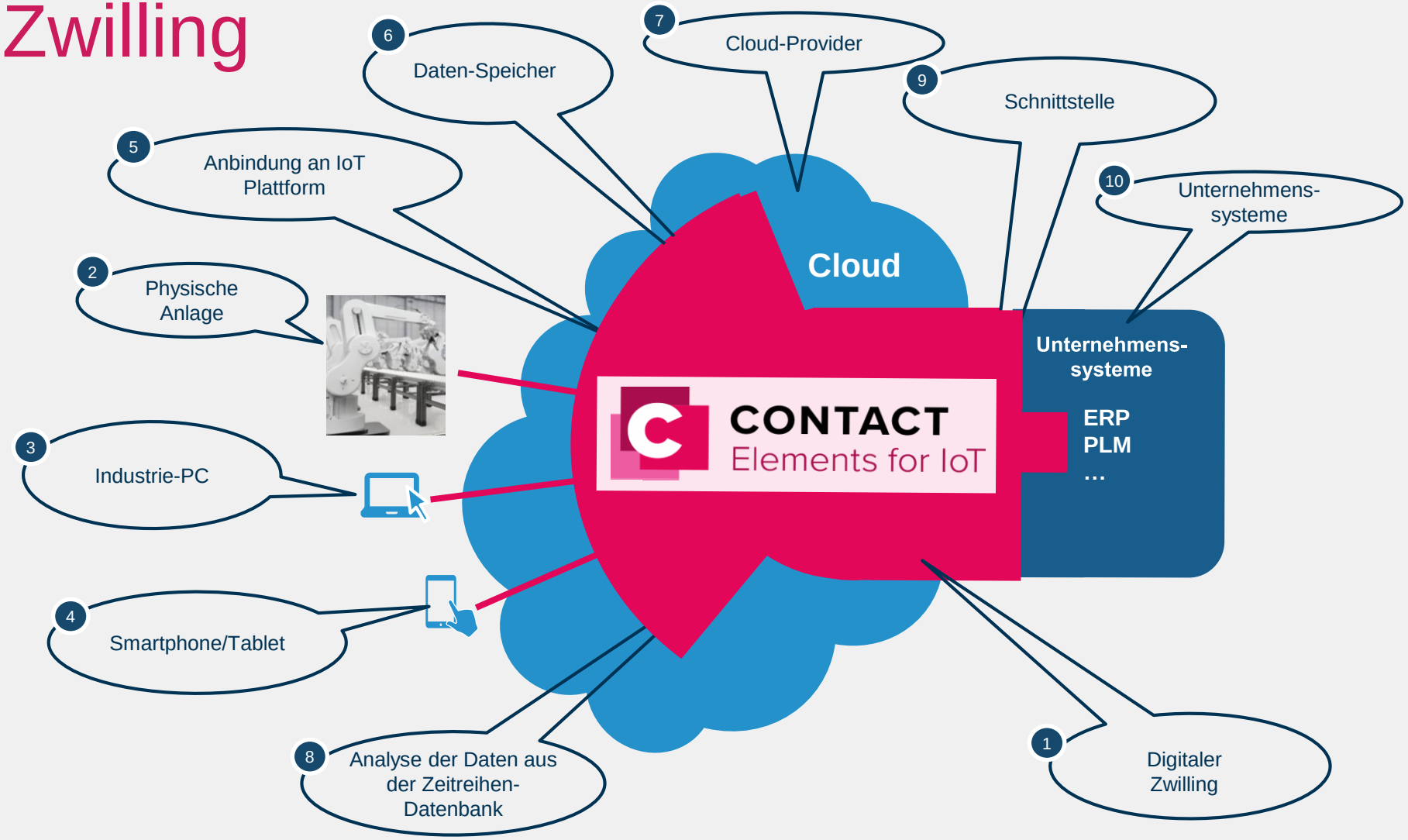

Physische Maschine
Digitaler Zwilling



Digitaler Zwilling



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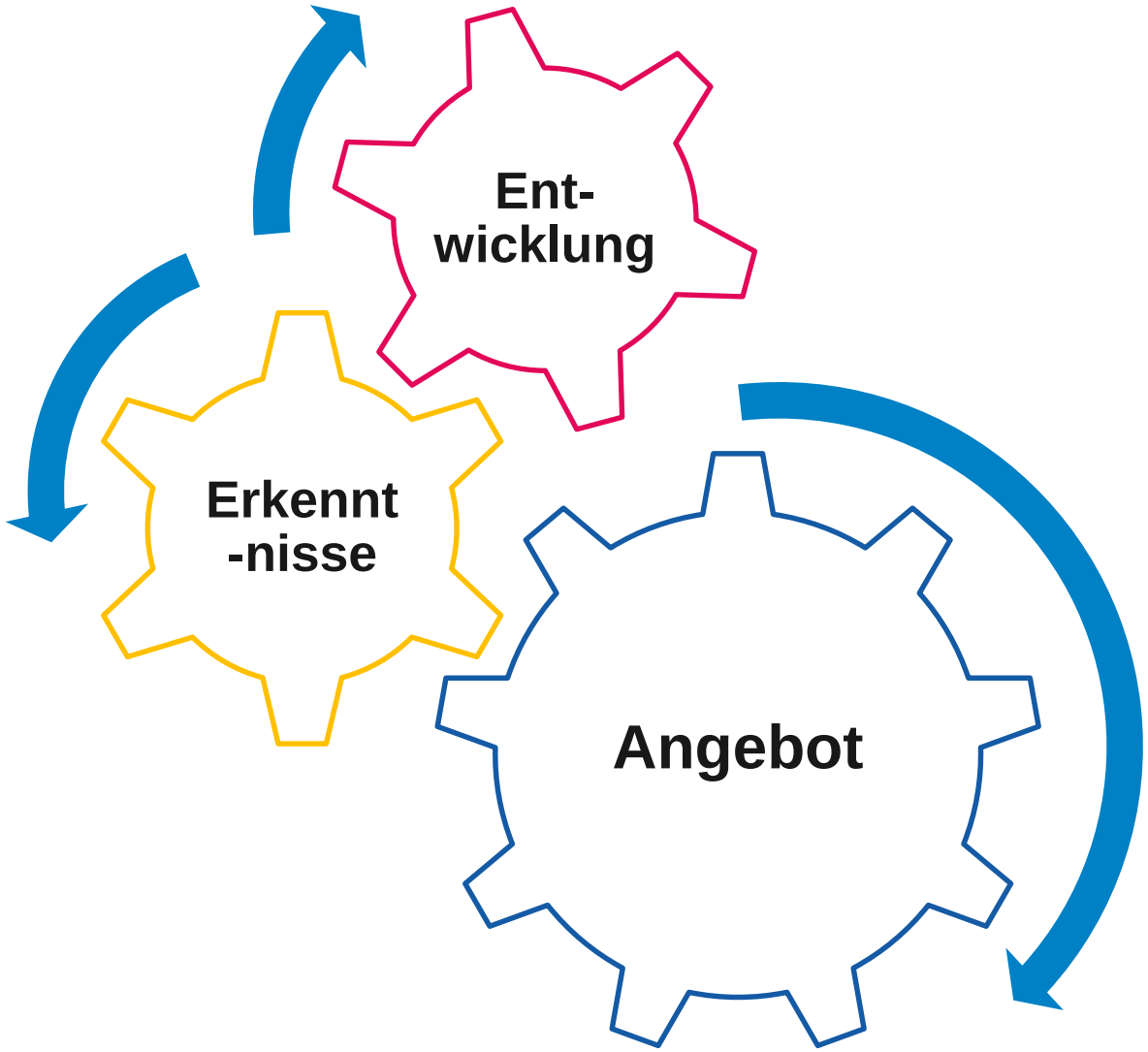

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CONTACT Beratungsportfolio

Managementberatung

- Vision
- Strategie
- Geschäftsmodelle / Roi
- Prozesse / Organisation
- Kultur

Methodenberatung

- Data Science
- Analysepackage
- Produktstrukturen
- Projekt / Prozess
- Anwendungsmethoden
- Konzeption/Spezifikation
- Methodenentwicklung u. transfer von/zu SD/PC

Best Practice Beratung

- Best Practices
- Use Cases
- Proof of Concepts
- Demonstratoren

Implementierung

- Konzeption / Spezifikation
- Projektmanagement
- UI-Design
- Konfiguration, Customizing, Test

Training

- Web Based Training / E-Learning
- Vor-Ort Schulungen
- Inhouse Training
- Blended Learning
- Webinare

Global Partner Ecosystem

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CONTACT Elements: Die offene Plattform – gemacht für agile Zeiten

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Engineering success – the agile way

CIM Database
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Technologie-Bausteine

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Modular „wie Lego“ und deshalb einfach an neue Anforderungen anpassbar

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Gold Partner Application Development.

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Open Source. Engagement in der Eclipse Foundation.

Die Eclipse Foundation ist die führende Non-Profit-Organisation im Software-Bereich.

CONTACT engagiert sich aktiv in der IoT Working Group und z.B. durch Sponsoring der Open IoT Challenge.

Bild: BOSCH Connected Workdl. © Eclipse Foundation 2018

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Multi Cloud Fähigkeit.

amazon web services™	Google Cloud Platform	Alibaba Cloud
Microsoft Azure	Bosch IoT Suite	...

Zentraler Risikofaktor in der IoT ist ein Supplier-Lock-In z.B. durch Plattformbetreiber. Um dies zu vermeiden, bietet Elements for IoT eine Kapselung, durch die Instanzen auf verschie-denen Cloud-Plattfor-men und auch On-Premise portiert werden können.

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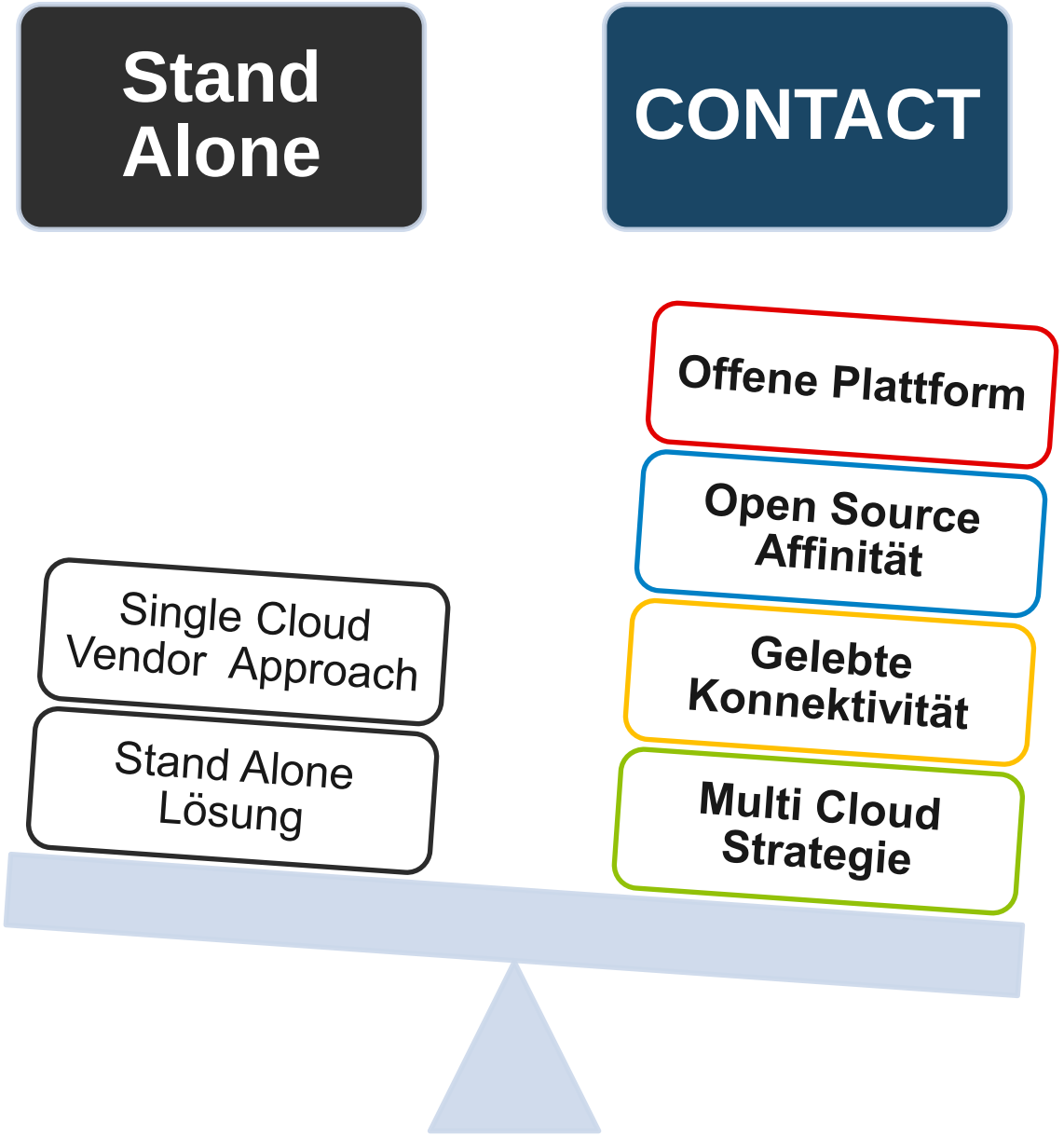

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