

A man in a dark suit and light blue shirt is shown in profile, looking intently at a tablet device. The background is a blurred industrial scene at night, with glowing lights and structures. Overlaid on the scene are several glowing blue hexagonal icons connected by lines, representing various digital and industrial concepts. The icons include a factory, a document with a checkmark, a smartphone with a wrench, a recycling symbol, and a gear with a dollar sign. The overall atmosphere is futuristic and professional.

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# Smart ways to digital industries

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# Die Zukunft der Biomanufacturing-Industrie gestalten



**erhöhte  
Kapazität**



**Autonome  
Fabriksteuerung**

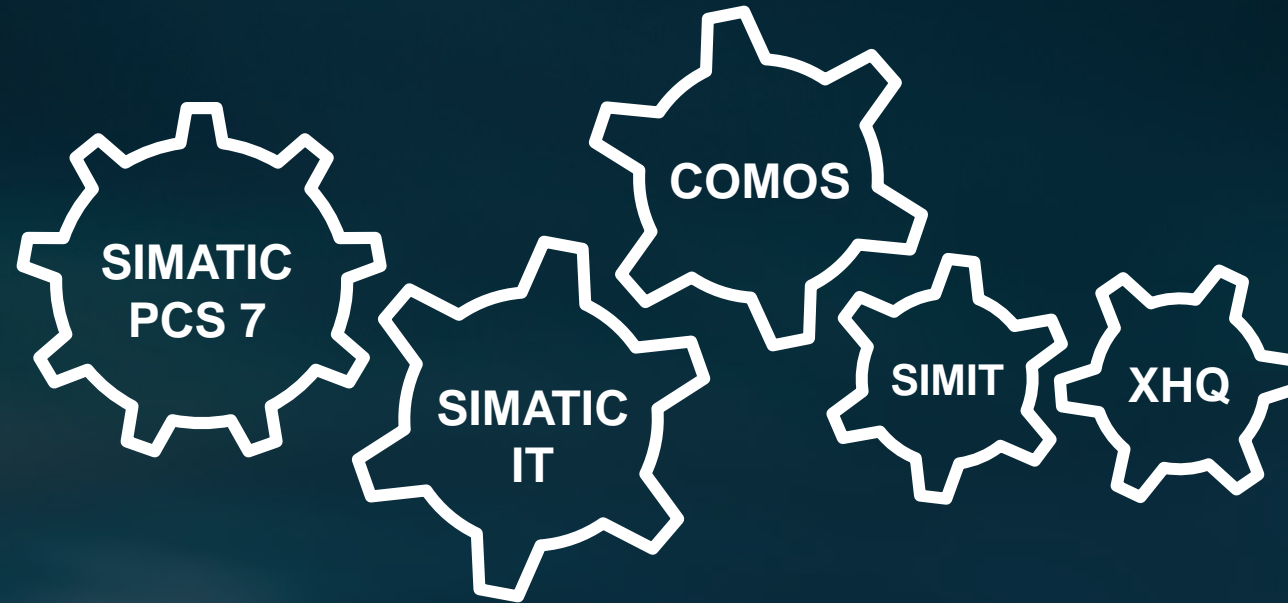


**Höhere  
Produktionssicherheit**



**Schnellere  
Time-to-Market**

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**Höhere  
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Time-to-Market**

# Megatrends



**Demografischer  
Wandel**



**Klimawandel**



**Digitalisierung**



**Urbanisierung**



**Globalisierung**

# Megatrends



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**Hoher Grad der  
Vernetzung**



**Höhere  
Geschwindigkeit**



**Digitalisierte  
Workflows**

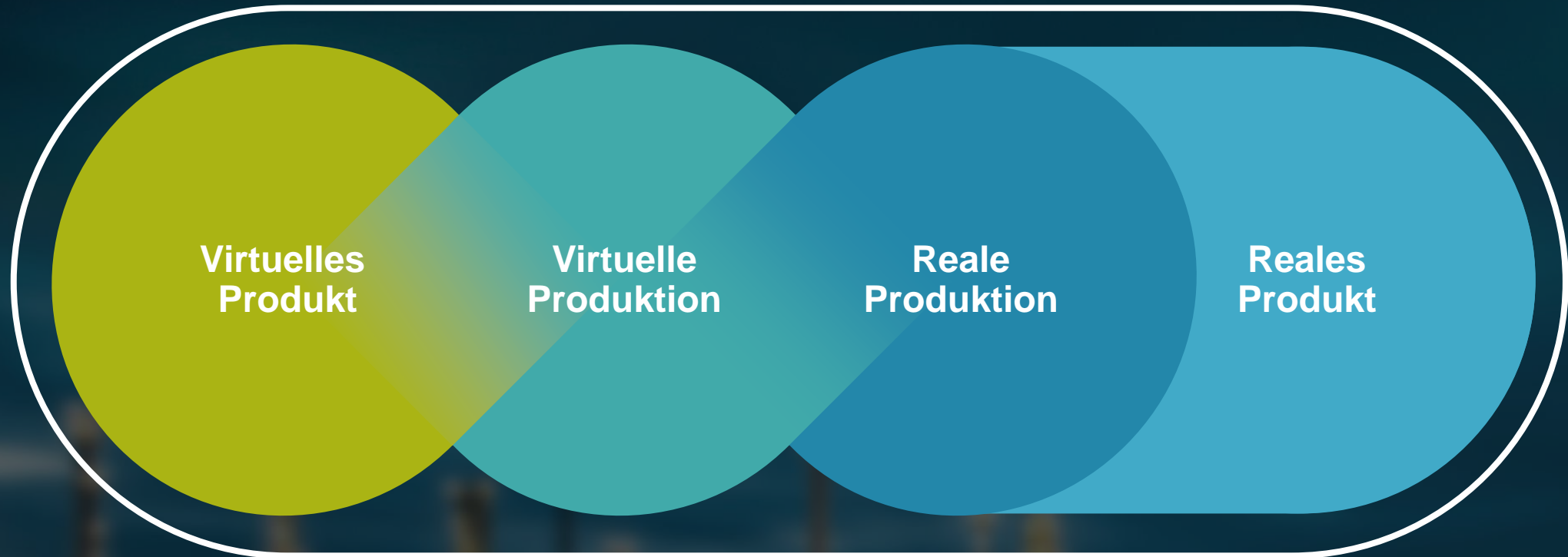


**Sichtbarmachung  
aller Daten**



**Intelligente  
Daten**

# Datenzentrischer Ansatz



Process					Automation		Operations			Lifecycle				
FEED	P&ID	PipeSpec	Isometrics	3D Integration	EI&C	Logical	MRO	Shutdown	Inspection	Project Quality Mgmt.	Interface Library	Walkinside	Mobile	Web



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COMOS Platform

XML

Andere Systeme

# Digital Enterprise in der Prozessindustrie



**Herausforderungen**



**Digitale  
Roadmap**



**Gemeinsam  
Nutzen schaffen**



**Digital  
Enterprise Suite**



**Gemeinsamen  
Ecosystems**

# COMOS: Anwendungsspezifische Lösungen für individuelle Herausforderungen



**Consistent process  
engineering and design**



**Modularized  
engineering**



**Automation  
digital twin**



**Intelligent mobile  
maintenance**



**Compliant data and  
document management**



**Virtual  
plants**



**Smart data for  
brownfield**

# Wie verwalte ich DarkData?



**Unstrukturierte und  
ungekennzeichnete Daten  
und Dokumente**



**Verschiedene und  
heterogene Speicherorte  
für Daten**

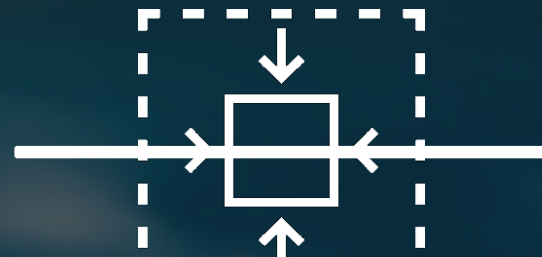


**Einfacher und  
schneller Zugriff auf  
Informationen**



**Aktuellen und gültigen  
Status finden**

# PlantSight



**Digital Enablement:**

Visuelle Integration  
unterschiedlicher Daten  
in einem Portal



**Digital Reliability:**

Verfügbarkeit und  
Performance aller  
Anlagen Assets

**Als COMOS oder PlantSight Kunde profitieren Sie von...**



**Qualität**



**Kostenreduktion**



**Produktivität**

A man in a dark suit and light blue shirt is shown in profile, looking intently at a tablet device. The background is a blurred cityscape at night with warm lights. Overlaid on the scene are several glowing blue hexagonal icons connected by lines, representing various digital and industrial concepts. The icons include a factory, a document with a checkmark, a smartphone with a wrench, a recycling symbol, and a gear with a dollar sign. Vertical columns of binary code (0s and 1s) are also visible, adding to the digital aesthetic.

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