

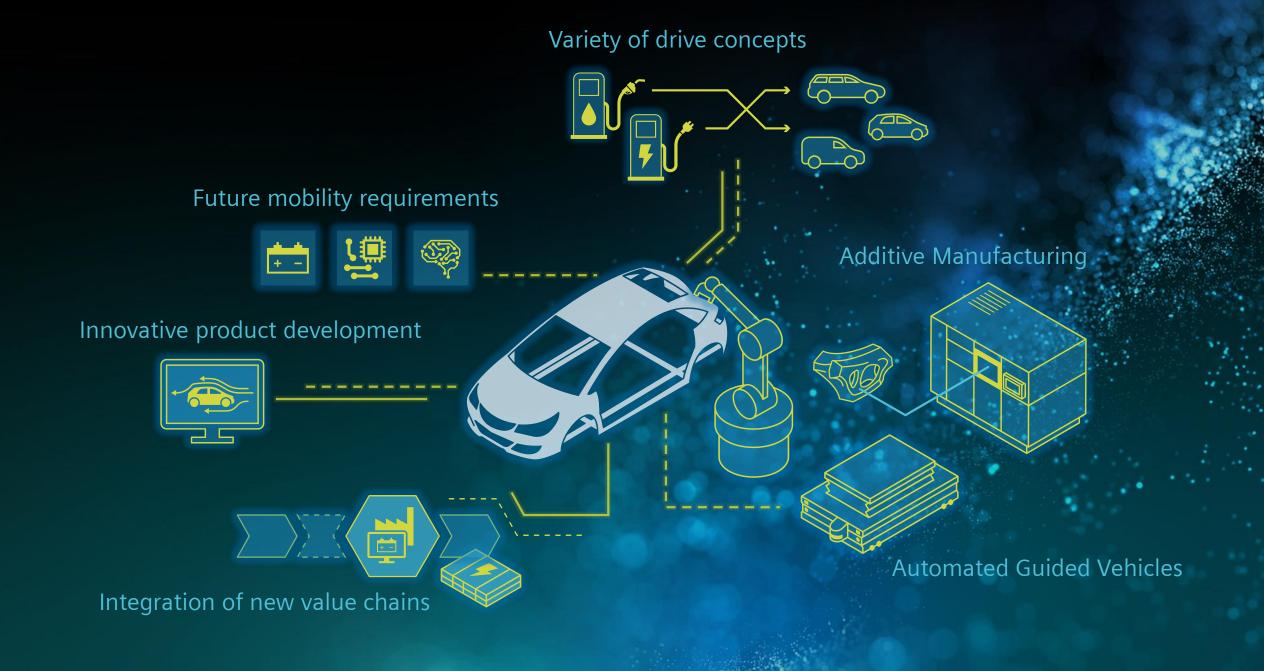
Continuously optimizing with the Digital Enterprise

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Continuous optimization





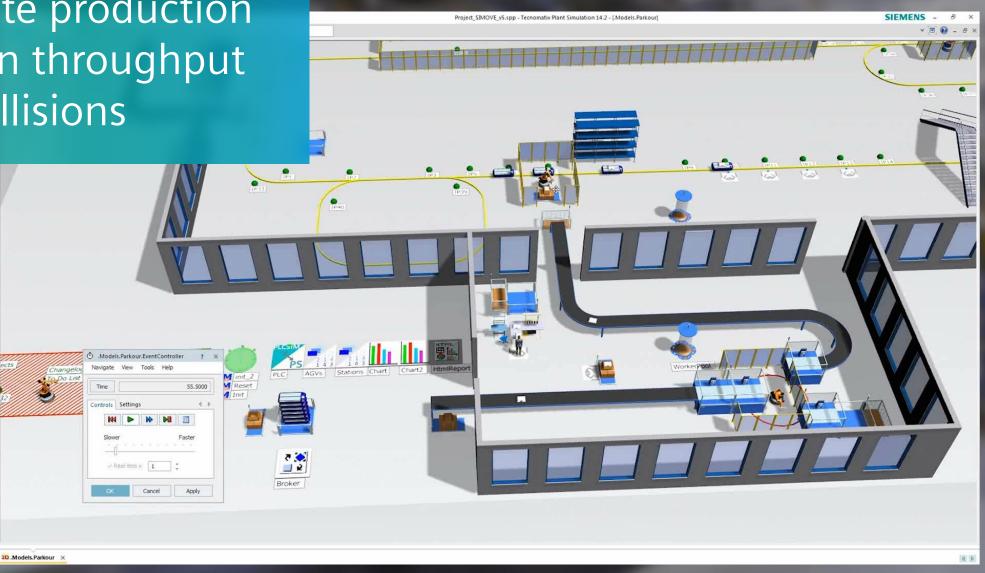
Example: Certification of autonomous driving functions – based on massive simulated testing







Simulate production lines on throughput and collisions



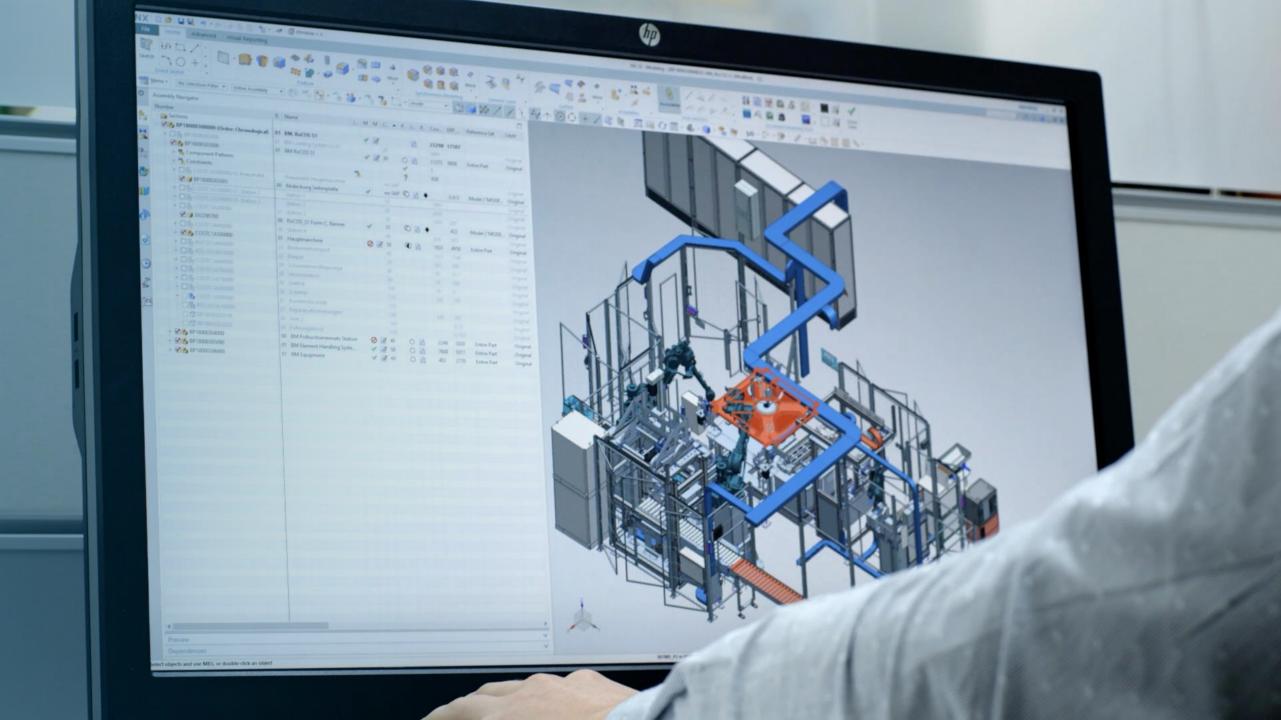


Simulation and flexible production concepts

Faster validation and verification

Economic manufacturing of different car models

Easy scalability of production capacity



For some 30 years, industry believed it had reached the physical limits when casting lead poles for classic lead-acid batteries

Siegfried Altmann CEO Rosendahl Nextrom GmbH Simulating and optimizing all machine processes with a digital twin



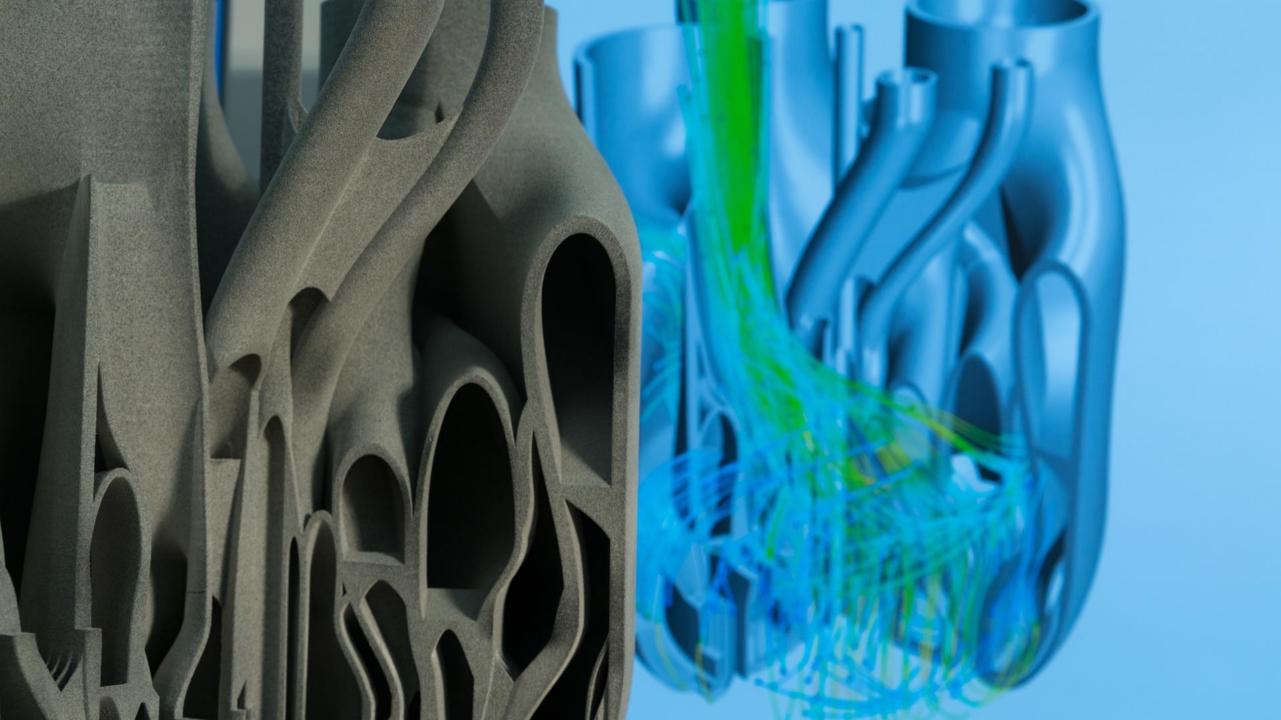


The digitalization effect

50% shorter development time

95% machine efficiency rate

25% higher production output

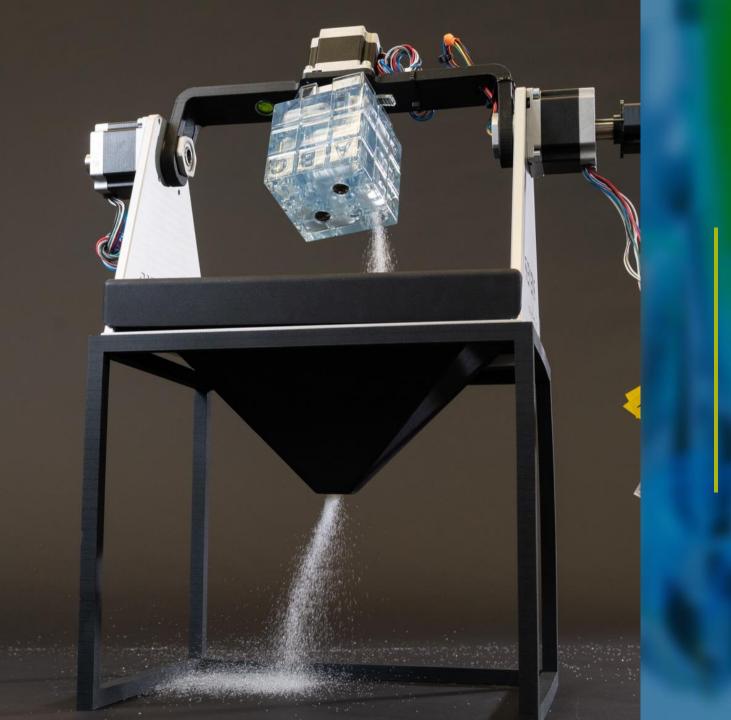


Non-value-adding-time and waste of resources

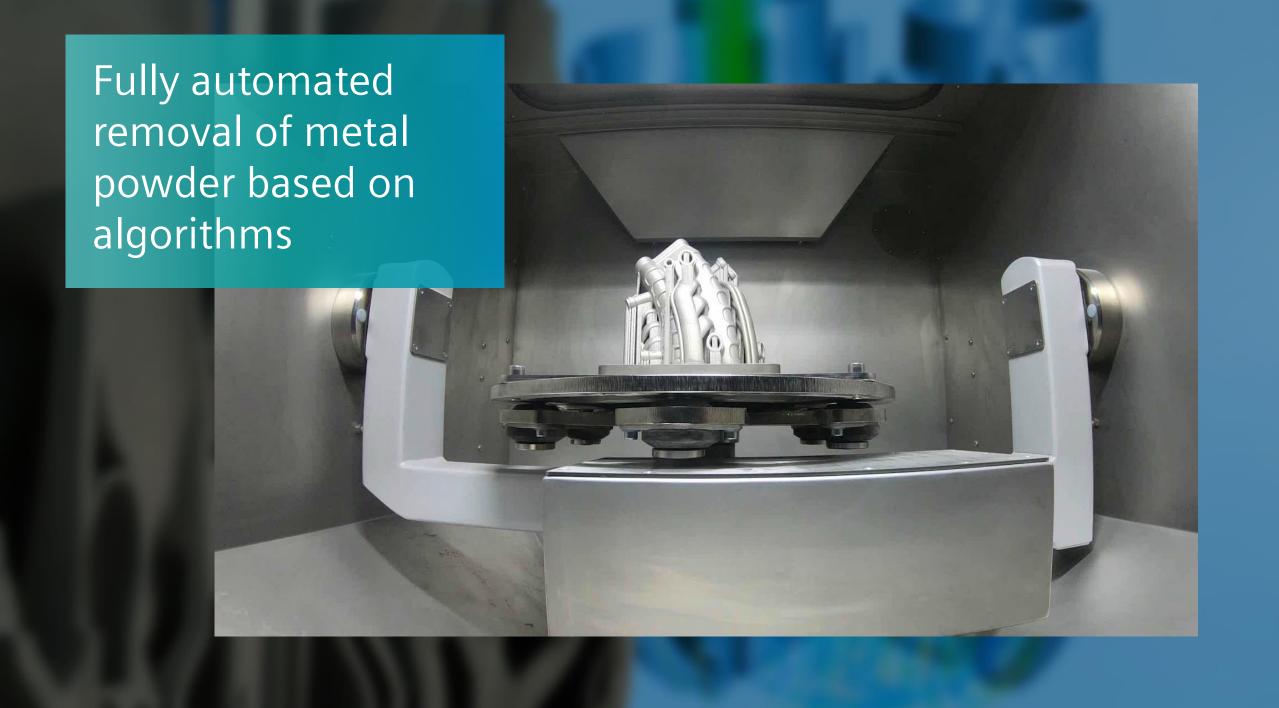








Algorithm for a depowdering chamber



Automated depowdering

No harm for human workers

Reusing metal powder

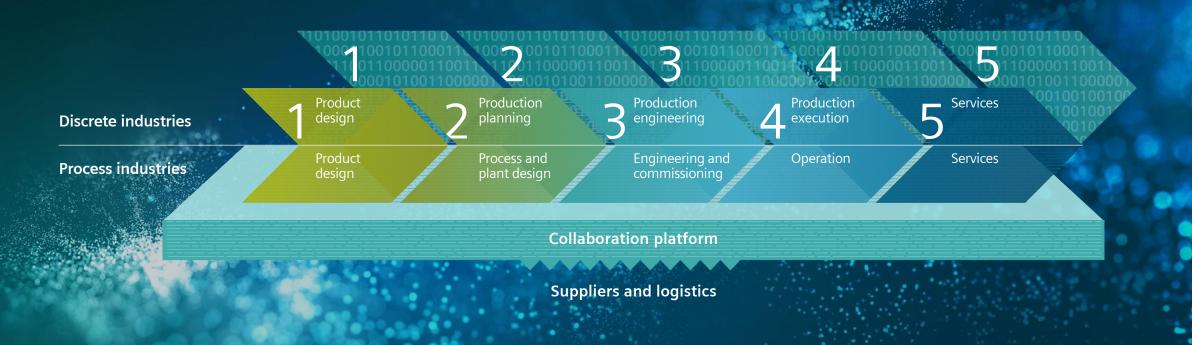
Less environmental impact

Continuous optimization

What makes all this possible?

Embracing digitalization

Integrating and digitalizing the entire value chain

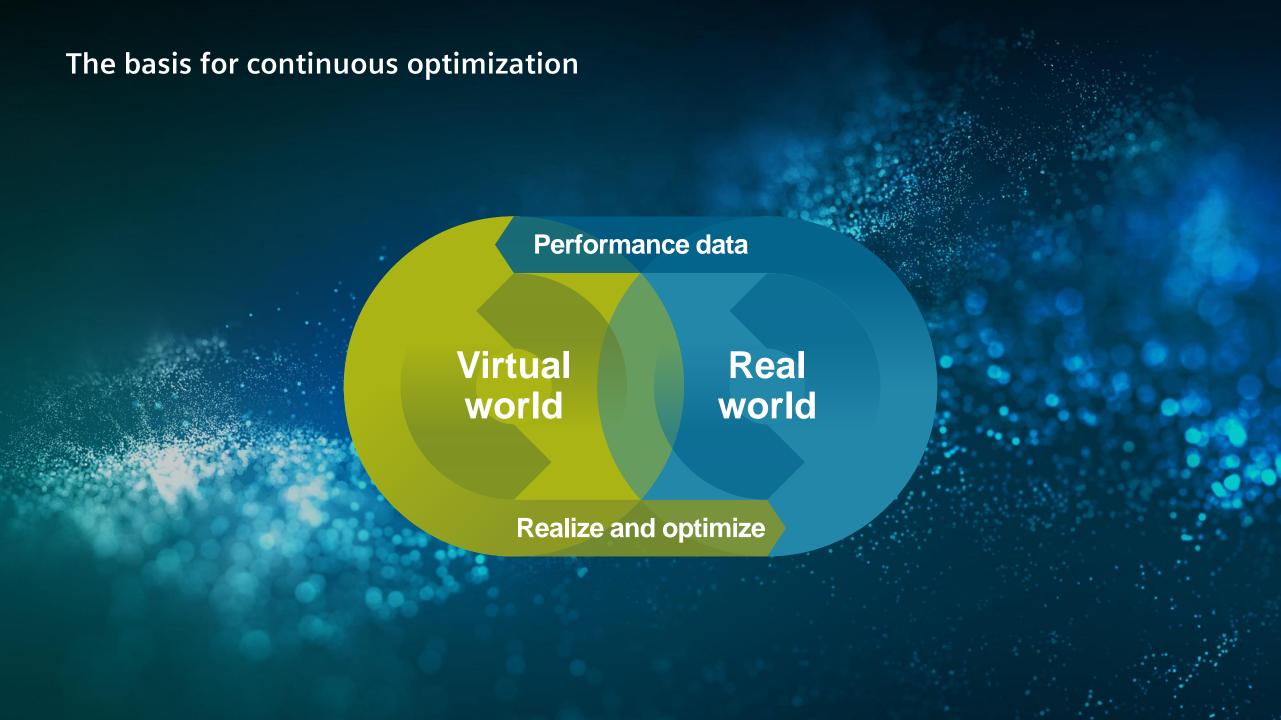


End-to-end solutions for all industries

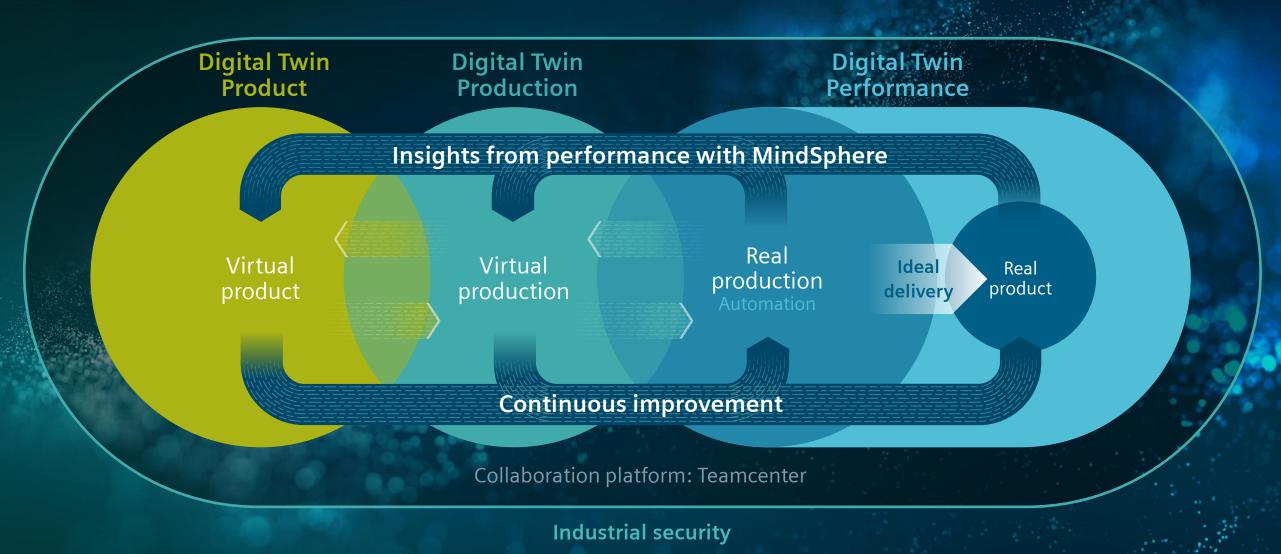
Numerous starting possibilities

Brownfield or greenfield

Standardized and open interfaces



The basis for continuous optimization



The basis for continuous optimization

Portfolio

Services for the Digital Enterprise

Consulting
Implementation
Optimization

Continuous optimization

Thinking industry further!

Let's start your digital journey together!