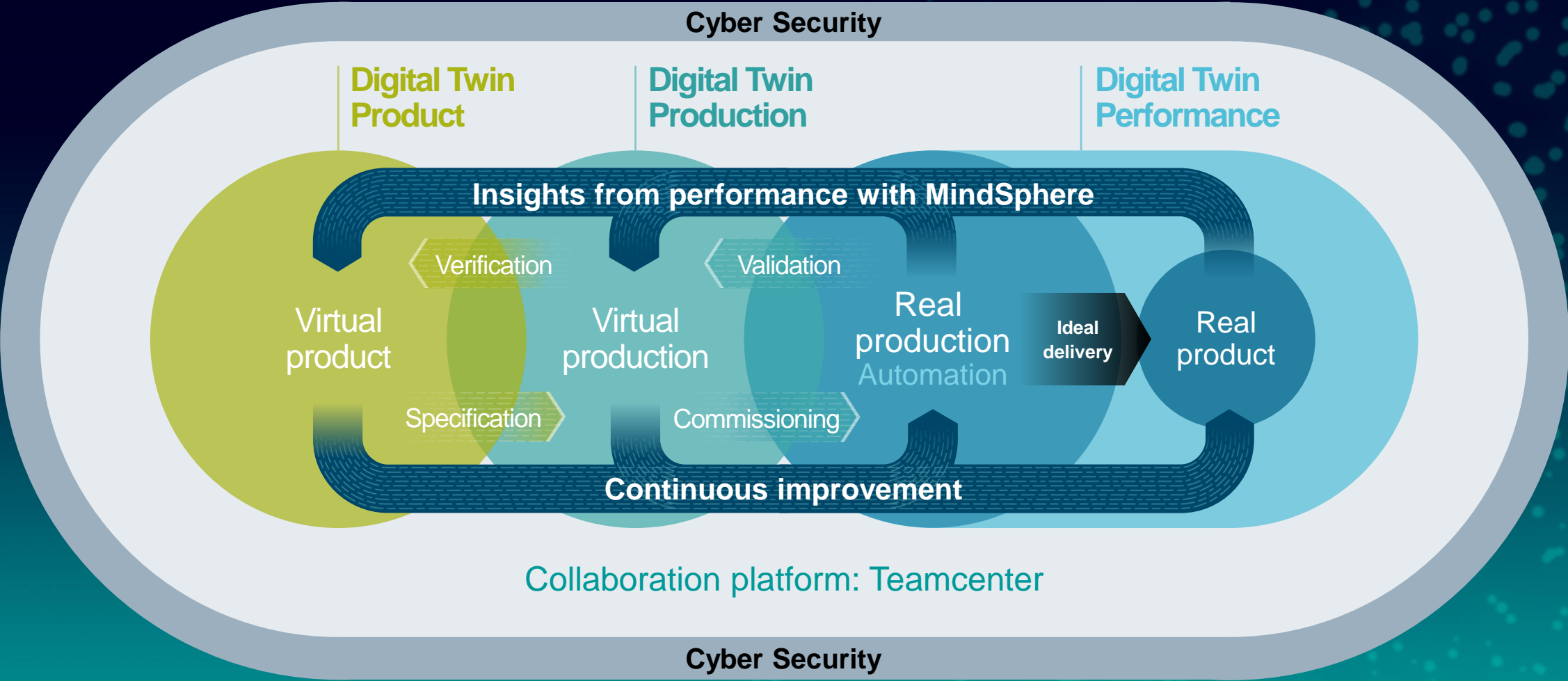


DIGITAL ENTERPRISE

# Explore the Digital Twin in Aerospace Industry

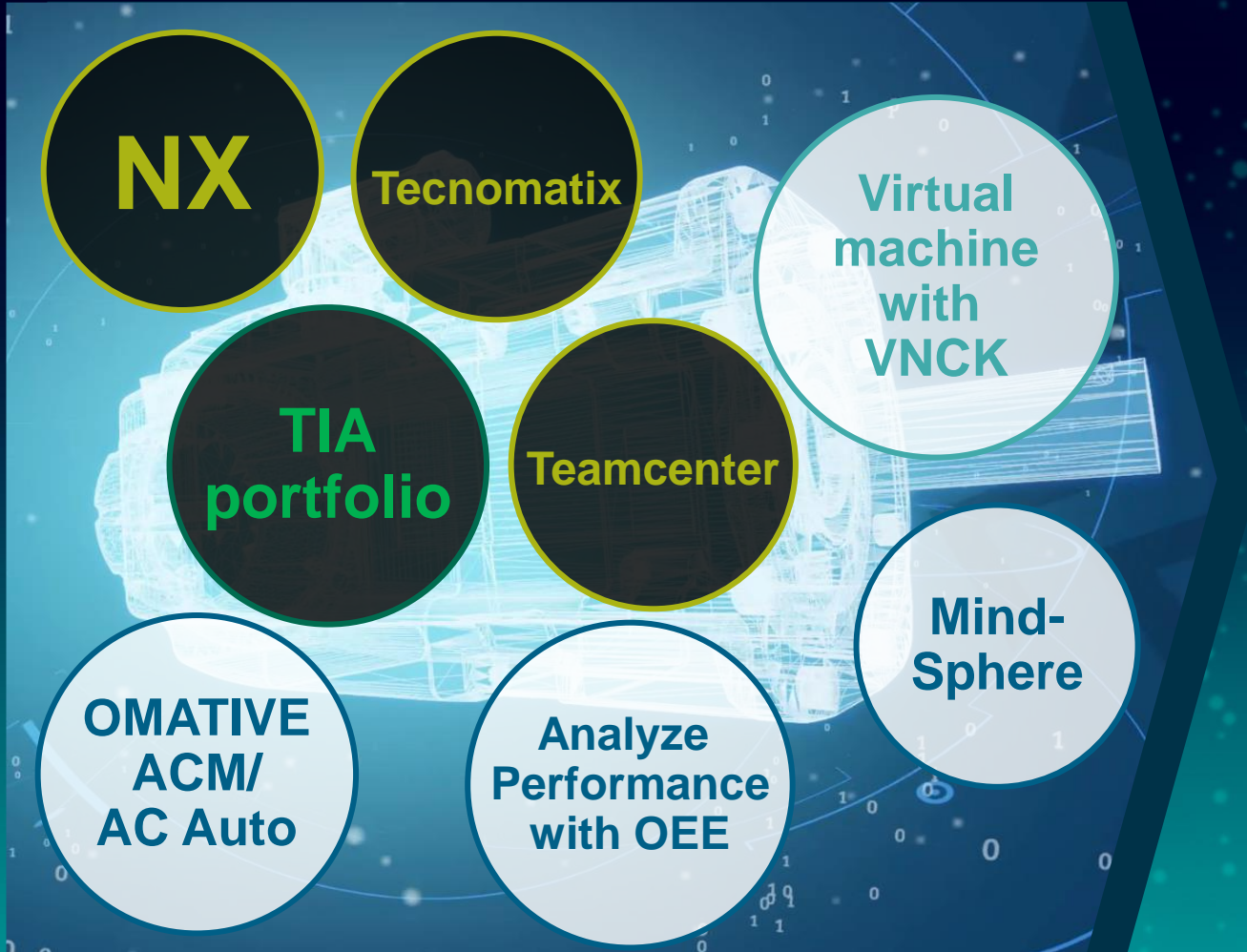
Briefing

# Digital Twin for machine users



## Four Benefits for End Customer

The Digital Enterprise Suite in daily application – Siemens Electric Motor Plant (EWN) in Bad Neustadt



**≤20%**

Less effort and time for Daily report with accurate data

**≤60%**

First Time Right, and Shorten the commissioning of new products

**>99.9%**

Precisely predict the production time of new products

**27%**

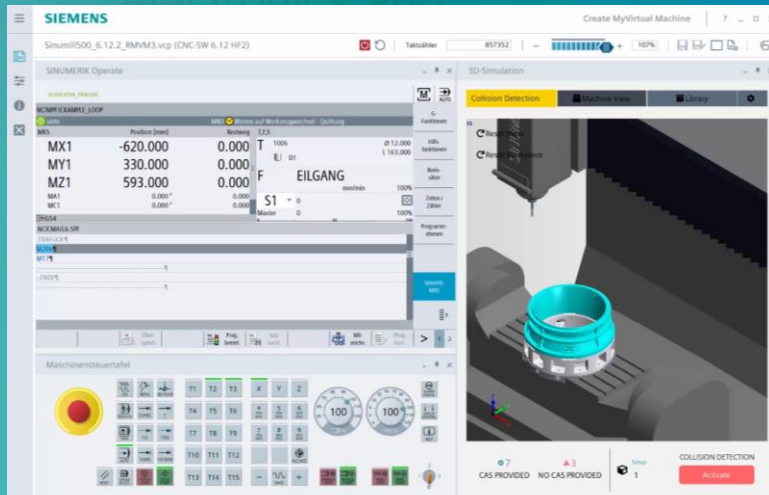
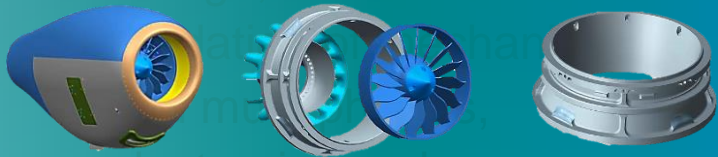
Highly improve production efficiency and reduce tool costs

# Digital Twin Production

## In Line

**Virtual Machine** - Validate the G-code in the virtual world

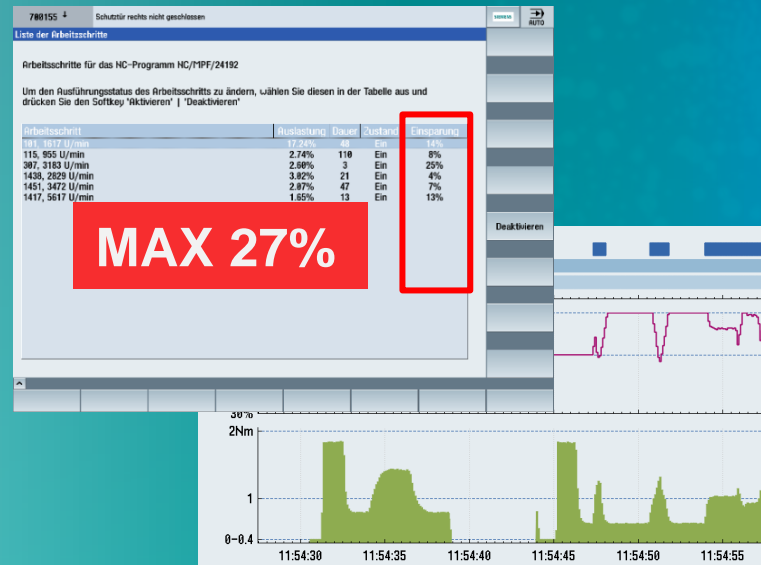
- 100% CNC Controller Simulation
- 99.9% Cycle Time Prediction
- 100% Offline Collision Check



## In Machine

**OMATIVE ACM / AC Auto**  
Improve Machine efficiency

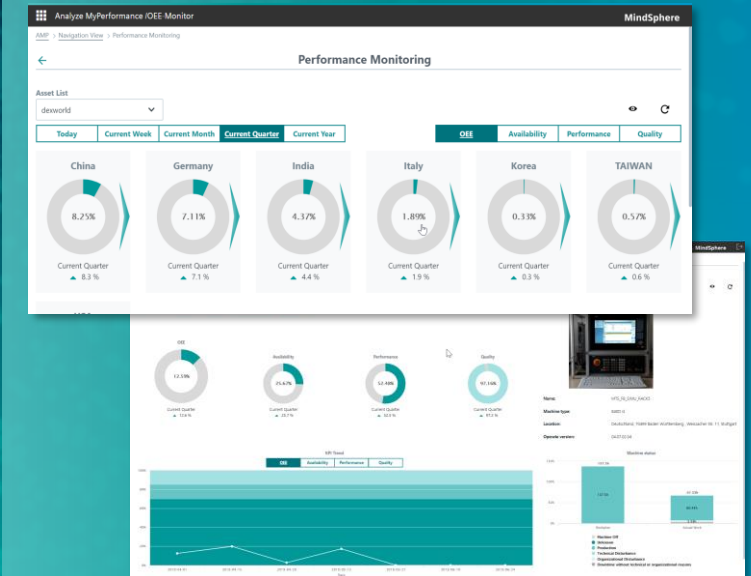
- No NC code modifications
- 27 % Time Saving
- 38 % Tool Cost Saving



## In Cloud

**MindSphere AMP /OEE**  
Increase productivity with machine insight and KPIs

**High transparency about machine utilization**



# | Thank You!

Siemens Ltd. Digital Industries

8F, No. 3, Park Street Nangang District Taipei | Taiwan

Service Hotline: +886 800 202 808

Service Email: [adscs.taiwan@siemens.com](mailto:adscs.taiwan@siemens.com)

[www.siemens.com.tw/di](http://www.siemens.com.tw/di)