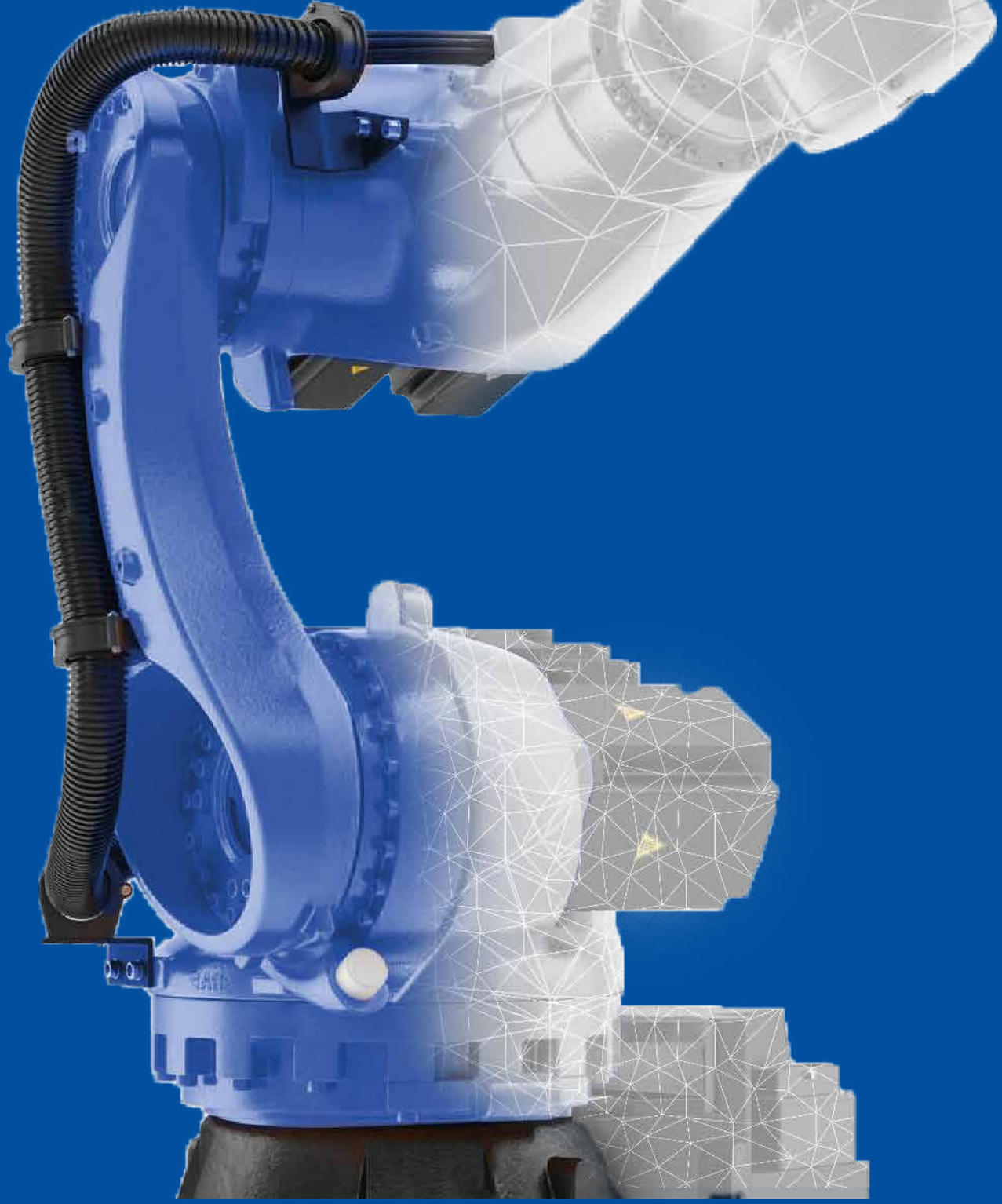
EKS
InTec GmbH

TOOLS FOR THE DIGITAL TWIN



Virtual Commissioning

Create a realistic digital twin of your production plant with the **RF::Suite**. Engineers can test the concept, material flow, PLC, and robotics before real commissioning, resulting in a higher overall quality and a shorter commissioning time.

Higher quality & shorter commissioning

Validation of concept, process and software

Ideal platform for interdisciplinary work

Early error detection: Rule of 10

20+ Years of experience in the field of digital twin simulation and virtual commissioning

We offer you not only great support on our software, but also in your projects. Our service team is ready to get the most out of your digital twin.

Virtual Training

Use the digital twin as a training environment for PLC programmers, operators, maintenance staff, and robot programmers in the education platform **RF::EdDi**.

- **Intuitive and realistic digital twin**
- **Indestructible simulation for risk-free testing**
- **Challenging error simulation**
- **Prepared for usage in remote and cloud systems**
- **Quick and easy modifications**

RF::EdDi seamlessly integrates with the **RF::Suite**. The digital twin from virtual commissioning can be transformed to a training model easily.

Production Analysis

Connect the **RF::Suite** digital twin to the real production for monitoring and analysis in **RF::SCOUT**. Observe your production from anywhere you like: the workshop, the production control room, or even on the other side of the world, if necessary.

Display virtual and hidden objects in the digital twin

Show PLC messages with added instructions

Evaluate and optimize the production performance

Detect robot-robot collisions before they happen

Optimize robot interlocks and paths to prevent collisions

The analysis results from **RF::SCOUT** deliver valuable insights about the production process. They allow improvements in process efficiency, stability, and safety.

Looking for the perfect partner in the world of digitalization?

What EKS InTec offers:

Test your automation line before implementation:
Use our RF::Suite platform for digital twin simulation to perform virtual commissioning. Benefit from higher engineering quality before the line is built.

Use the digital twin as a virtual training environment in RF::EdDi:
Train your operators as well as maintenance staff and educate the PLC or robot programmers of tomorrow – in a flexible, fully virtualized system.

Analyze your production using RF::SCOUT:

Detect collisions between robots and evaluate the overall performance of the line. Find bottlenecks, workload peaks, and interlock issues to improve output and stability of your production.

Find more information about our software and services here:
www.eks-intec.de

About EKS InTec GmbH

We are a leading software development company in the field of digital twin simulation and digital shadow applications. Our international team of 180 employees in five offices worldwide sets the benchmark in automated engineering, virtual commissioning, virtual training and production analysis – all in one continuous platform, the **RF::Suite**.

EKS InTec is part of **FFT Produktionssys-**

teme GmbH & Co. KG, a leading global supplier of automated and flexible production systems in automotive, aerospace, and other industries.

Over 2.600 specialists provide the technological advantage for excellent solutions.

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