

Digital Factory. Endless possibilities.

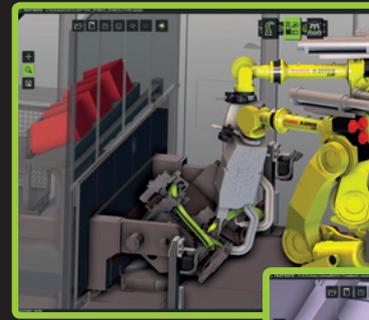
Bring value to your production with FASTSUITE Edition 2. The new benchmark for Digital Factory solutions closes the gap between engineering and production. With its stand-alone architecture, the software has a clear focus on high-level robotics and NC machining applications.

It covers the entire process from layout definition and resource building down to process automation and virtual commissioning in an innovative, intuitive, and 3D focused way.

FASTSUITE Edition 2 - Ready for Industry 4.0

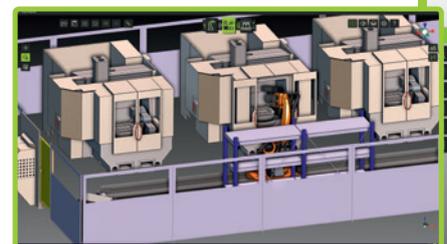
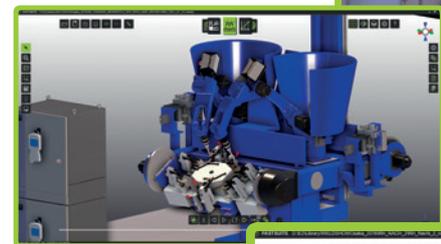
The trend towards more individualized products leads to an increasing need of product variants along with dropping quantities. This requires highly flexible manufacturing processes and networked systems that are able to communicate with each other. The virtual factories and plant models need to be an exact representation of the real Production systems.

FASTSUITE does not only represent the geometric and kinematic environment, but also the logical behavior and control of the individual production units. A digital twin, or a “shadow factory”, is created and thus normally rigid processes can become agile, self-organized Production units. FASTSUITE enables the implementation of production processes, plant designs and technologies, including everything from simple handling tasks to complex manufacturing steps. The Digital Factory tools – i.e. planning, offline programming, Simulation, and optimization of manufacturing processes – are all in FASTSUITE. These tools are intuitively supported which guarantees the efficiency of production.



FASTSUITE – the right answer to the, “Digital Factory” requirements“

FASTSUITE Edition 2 simplifies the digital factory with an innovative operating concept. Thanks to efficient commands and automation, high performance is guaranteed through strategies and optimal process-oriented user interactions. Other highlights include the efficient and technology-specific programming functions for robotic applications as well as the absolute openness of the system. By using industry standards for data exchange and an optimized delivery of data, FASTSUITE Edition 2 can easily be integrated into existing system environments and is capable of exchanging data with all major systems.



Regardless of the CAD or PLM systems used in place, FASTSUITE can be quickly adapted to any existing systems due to standardized connectors and interfaces. In addition to the off-the-shelf FASTSUITE Edition 2 product line, CENIT also offers a Software Development Kit (SDK), which enables companies to develop their own technologies and features based on FASTSUITE Edition 2 software components-or to create their own OEM products. CENIT can also be commissioned to develop a software product as a 3rd option.





End-to-End Support for efficient Production processes

Project Planning Phase:

- Reachability, feasibility studies
- Layout optimization
- Tool selection, fixture optimization
- Quick Proposals

Engineering Phase:

- Offline-Programming & Virtual Teach-in
- Robot Program Optimization
- Simulation

Production Phase:

- Virtual Commissioning
- Offline-Modification in parallel to production



A qualified team at your disposal!

To ensure the most efficient use of FASTSUITE products, CENIT offers a wide range of support and services - either at CENIT or at the customer site. The aim of the services is to enable maximum benefit and productivity using our solutions. Our experienced application consultants offer extensive IT and solution knowledge along with industry specific know how for various manufacturing technologies and processes worldwide.