

▶ Fabmatics

Digital service platform
for accelerating the
commissioning

The project

- ▶ Digitalization of the commissioning of mobile handling systems

Susietec products & platforms

- ▶ EquipmentCloud®
- ▶ Oracle Cloud Infrastructure (OCI)

The service

- ▶ Consulting
- ▶ Launch workshop
- ▶ Service and support

The challenge

- ▶ No standardized or up-to-date data structures
- ▶ Complex and lengthy commissioning
- ▶ Services employees need comprehensive specialist knowledge

The solution

- ▶ Development of a complete machine database
- ▶ Standardization of work sequences using digital checklists
- ▶ Automation of uploading master data using integrated interface (API)

The result

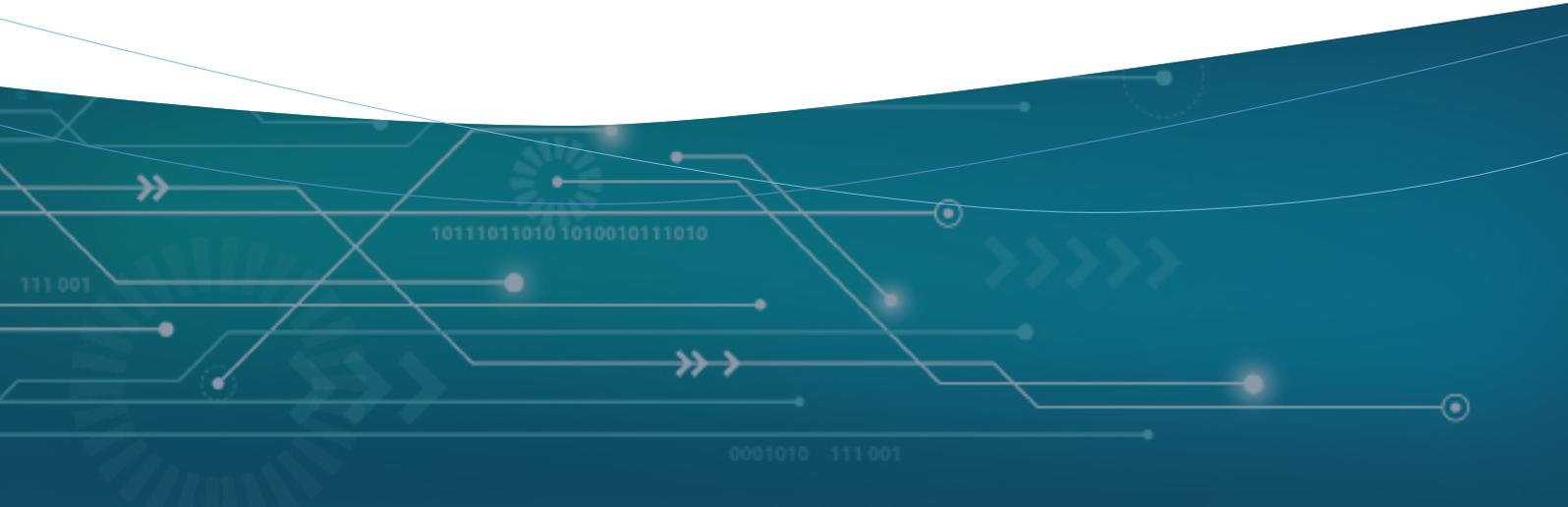
- ▶ Transparent display of work progress within the team
- ▶ Reduction of work required for in-house commissioning and acceptance by up to 50 percent
- ▶ Acceleration of the commissioning process by up to 30 percent

Success Story

Digital service platform for accelerating the commissioning of mobile handling systems

The automation of material flows and handling sequences requires smart solutions for complex processes: The objective of working together with Fabmatics was to simplify the commissioning of mobile handling systems without losing important information.

EquipmentCloud® is our digital service platform that responds to the customer's specific requirements down to the smallest detail. The introduction of digital workflows with checklists enables Fabmatics to standardize work sequences. In addition, the central machine database gives transparent insights into the entire machine life cycle while reducing the workload of services by offering a central access point for all relevant information.



” Since we started using EquipmentCloud®, we have been able to speed up the commissioning of our robotic systems by 30% and set up our service digitally. ”



Peter Seydel, Department Manager
Customer Service, Fabmatics GmbH

Technical details of the project

First, a comprehensive product overview was created to provide an overview of the project scope. A portfolio with a total of 82 types of equipment could then be organized in a multi-level equipment and type hierarchy. The subsequent implementation of EquipmentCloud® went hand-in-hand with a realignment of the commissioning process: Together with the service team at Fabmatics, new standard processes and digital checklists were developed and stored in the Workflow App.

The additional configuration and documentation of special skills and certifications ensured that users met the necessary requirements for performing the individual work tasks. The modular task board also made it possible to interrupt and resume individual workflows at any time.

Following the implementation phase, the workflows were tested in practice and the old Excel lists were replaced step by step. This not only resulted in accelerated commissioning, but also the continuous traceability of procedures and activities for each machine.

Customer Benefits

Fabmatics achieved two major successes by implementing EquipmentCloud®: The documentation and compilation of a comprehensive machine history reduced the work needed during commissioning by up to 50 percent. At the same time, the significantly more efficient processing of service jobs increased process speed by up to 30 percent.

The development of functioning use cases and processes resulted in a high level of acceptance and commitment from colleagues in different departments. The transparent and more efficient structure of the processes increased customers' trust, motivating them to drive digitalization forward.

Contact

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Customer key figures

- ▶ 559 integrated equipment instances and 82 integrated types
- ▶ Up to 50 percent less commissioning work
- ▶ Up to 30 percent faster commissioning
- ▶ 100 percent traceability of the software used for each machine

About Fabmatics GmbH

As a specialist in the automation of material flows and handling processes, Fabmatics has been implementing customer-specific automation projects for the semiconductor industry since 1991.

Companies such as BOSCH, Infineon, Global Foundries and Siltronic rely on modular hardware and software solutions for automating handling, transport and storage processes: HERO and SCOUT mobile handling systems in particular enable a more efficient, faster and safer production sequence.

For more information, please visit:
www.fabmatics.com

About susietec

We see digital transformation as a holistic approach. With the susietec toolset, we support companies in recognizing the potential of IoT and digitalization: The combination of software, hardware and know-how enables functional and smart solutions for equipment suppliers, providers and manufacturers. That is how we succeed in implementing purpose-driven changes effectively – with the aim of driving forward digitalization in the long term.

susietec solutions can be used in an existing environment and also provide a basis for the new development of machines, components and production plants.

In the association of Kontron companies we help you take the decisive steps towards digital transformation using our experience from numerous digitalization projects.

For more information, please visit:
susietec.com