

Process simulation with SIMIT

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Operator training

- **Machine/plant start-up:** Realistic simulation of start-up procedures to optimally train operators.
- **Simulation of critical process conditions:** Preparation for exceptional and critical situations.
- **Simulation of problems and failures:** Identify and resolve issues before they occur in real operation.

More effective troubleshooting

- **Simulation of specific scenarios:** Analyze and solve problems that have occurred or may occur in the plant.
- **Faster and more effective implementation of subsequent changes:** Flexibility and efficiency in implementing changes.

Optimized commissioning

- **Better testing capabilities in the engineering phase:** Shorten commissioning times through comprehensive tests in a virtual environment.

Virtual commissioning and testing

- **Environment:** Reduce the need for physical tests and minimize development times.

Integration and compatibility

- **Seamless integration with some controllers*:** Increased compatibility and efficiency through the use of automation solutions.

Real-time simulation and scalability

- **Realistic representation of system dynamics:** Accuracy of tests through real-time simulation.
- **Scalability and flexibility:** Adaptation to different system sizes and complexities.

Safety and risk management

- **Simulation and analysis of safety and risk scenarios:** improve operational safety and compliance with safety standards.

Cost efficiency

- **Reduction of the need for physical prototypes:** Minimize downtime and save costs.

User-friendliness and training

- **Intuitive user interface:** Easy to use even for less experienced users.
- **Ideal for training purposes:** Safe training in a controlled environment.

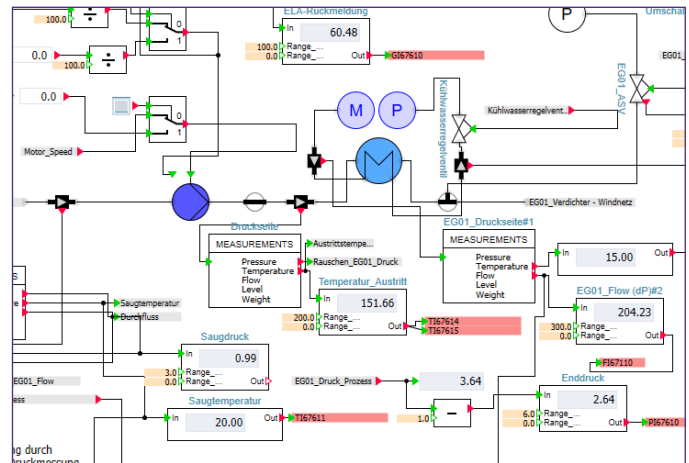
Process optimization and predictive maintenance

- **Combination with process trends and AI:** Development of advanced optimization and predictive maintenance strategies.

Remote testing and collaboration

- **Enables remote testing and collaboration:** Improve efficiency and communication within globally distributed teams.

With SIMIT, you are well-equipped to operate your compressor control systems efficiently and reliably. Take advantage of the benefits of tailored simulation and elevate your processes to a new level.



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