

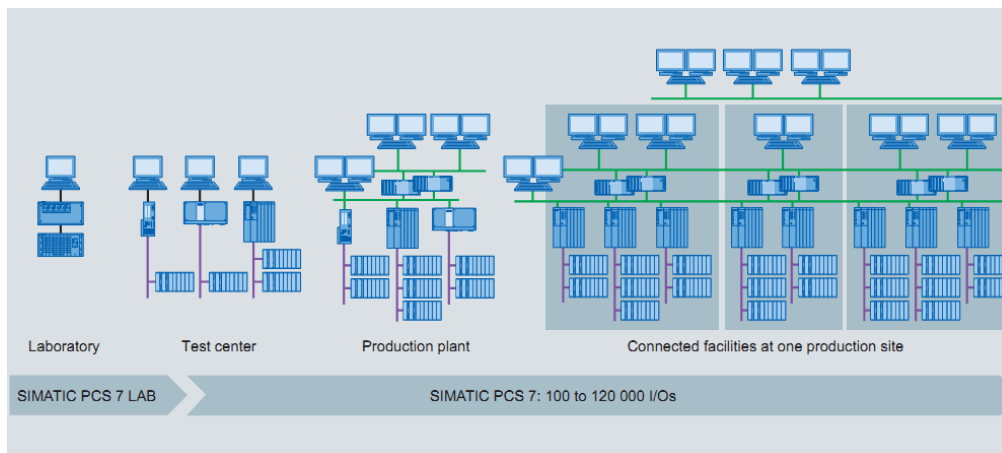
Goodtech PCS7

The **Goodtech PCS7** system is a modular high performance DCS control system based on Siemens Simatic S7 software and hardware. The system is primarily designed for oil and gas applications and PLC and HMI functionality is designed according to NORSOK standards, but the system is of course applicable in any type of off- and onshore industries. The system is highly scalable and may be used in smaller applications as well as in large process plants.

Engineering of the system is performed using standard PCS7 engineering tools which makes engineering time and cost efficient.

Benefits of the **Goodtech PCS7** system:

- Scalability, flexible architecture, expansions/changes during operation
- Integration, all automation processes may be integrated into a single system. Easy integration of intelligent field devices/drives
- Safety Lifecycle, approved for SIL 3 applications
- High availability, Fault-tolerant process control



The Goodtech PCS7 system is scalable, from small single-station systems to distributed multiple-stations systems.

The system supports client/server architecture and up to 60000 process tags for automation of a very large production plant network at a single production location.

Goodtech PCS7 control system

The Goodtech PCS7 Operator Station provides user-friendly process control and high degree of operational reliability to reduce production downtimes.

- Scalable and flexible client/server system architectures
- High-performance archiving system with integral archive backup
- Redundancy for real-time data and archives
- Online changes and online language selection
- Intelligent alarm management
- User-friendly visualization of sequences (SFC)
- MES interfacing to process data evaluation via OPC
- Efficient operator prompting via display hierarchy and group displays
- Operator control and monitoring via web

Add-ons available for the Goodtech PCS7:

- Maintenance Station, asset management and lifecycle management
- Route Control, material transport controller
- Batch Control, recipe handling
- Safety Matrix, safety engineering, complies with IEC 61511