



# Industrial and process automation

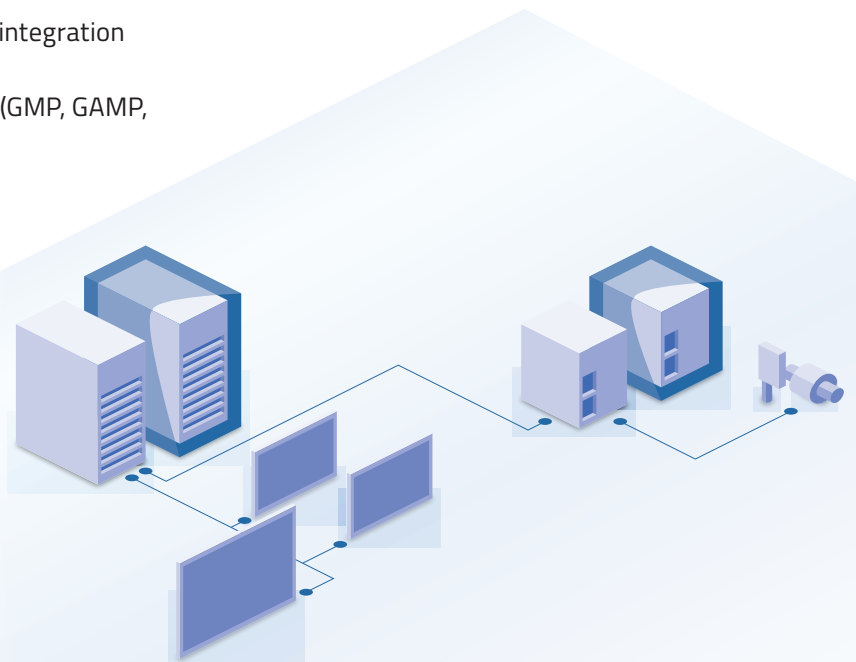
Our modular and innovative control concept fully meets your requirements concerning automation, digitalisation and compliance. With over 40 years of experience, RETEL is your partner for operational technology (OT).

**With RETEL, you can implement the following business cases in precise accordance with your needs:**

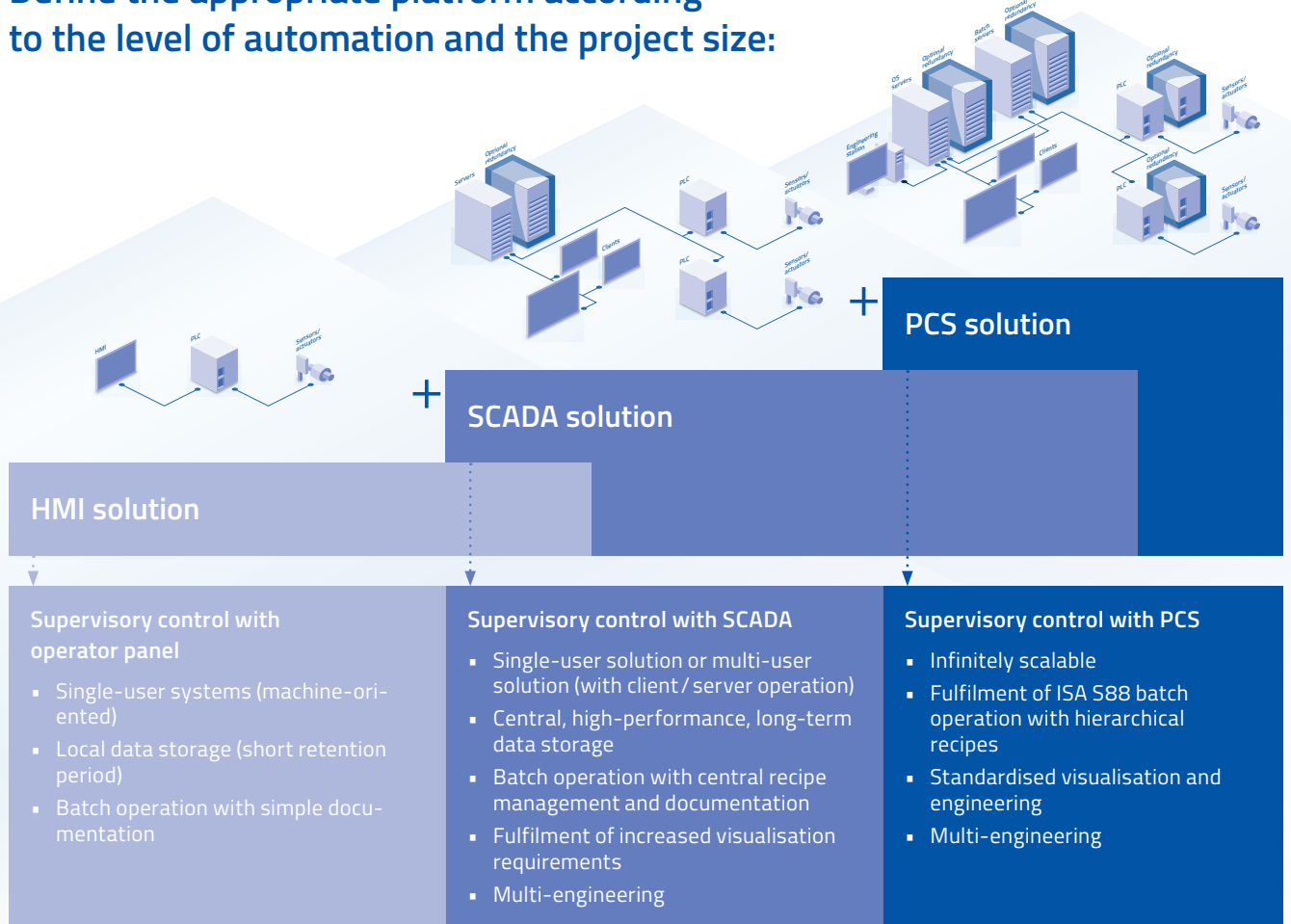
- Increasing productivity through scalable process automation and the appropriately selected platform
- Reproducible processes and top quality through batch / recipe control
- Laying the foundation for digitalisation through central data acquisition (e. g. process data, alarm data, audit trail)
- Plant / system networking and vertical integration (industrial IT)
- Fulfilment of compliance requirements (GMP, GAMP, data integrity)
- Simple, cost-effective maintenance and professional support
- An experienced and innovative partner for project management throughout the entire system life cycle

## Abbreviations

<b>CSV</b>	Computer System Validation
<b>DCS</b>	Distributed Control System
<b>ES</b>	Engineering Station
<b>HMI</b>	Human Machine Interface
<b>OT / IT</b>	Operational Technology, Information Technology
<b>PCS</b>	Process Control System
<b>SCADA</b>	Supervisory Control and Data Acquisition



## Define the appropriate platform according to the level of automation and the project size:



### Factors in choosing a system

- Scalability / number of trades or disciplines
- Level of automation
  - Operator panel = low to medium
  - SCADA = medium to high
  - PCS = medium to very high
- Digitalisation requirements
- Compliance requirements
- Standardisation
- Customisation

### RETEL offers you ...

- Concept development / system selection (automation concept)
- Basic and detailed engineering
- Implementation (hardware, software development)
- Design and calculation of functional safety (SIL / PL)
- Integration into OT / IT landscapes
- Qualification / CSV
- After-sales services throughout the entire system life cycle (SLA)



As a result of our broad interdisciplinary knowledge and our attention to detail, we are able to solve your task(s) to yield the best possible results.