



Industrial IT / OT solutions

By providing professional advice and analysing your current IT / OT infrastructure and services, we can help you take the next step(s). Ultimately, the network infrastructure that is implemented as the basis for information technology (IT) and operational technology (OT) is what forms the backbone of digitalisation.

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

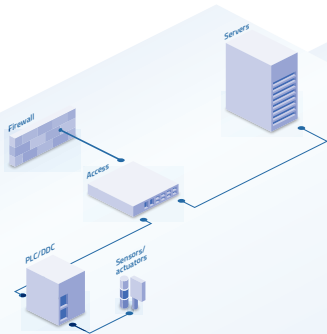
- Increasing productivity through scalable network infrastructure / services and the appropriate solution
- Laying the foundation for digitalisation by providing the necessary IT / OT infrastructure and services
- Plant / system networking and vertical integration
- Fulfilment of compliance requirements (GMP, data integrity)
- Protecting and hardening critical infrastructure / assets against cybersecurity threats (BSI)
- Fulfilment / implementation – GAMP5 – life cycle management requirements (business continuity, data life cycle, patch management, etc.)
- Defined / transparent responsibilities between IT and technology
- Simple, cost-effective maintenance and professional support
- An experienced and innovative partner for project management throughout the entire system life cycle

Abbreviations

OT	Operational Technology
IT	Informational Technology
BSI	Federal Office for Information Security
GAMP5	Good Automated Manufacturing Practice
GMP	Good Manufacturing Practice

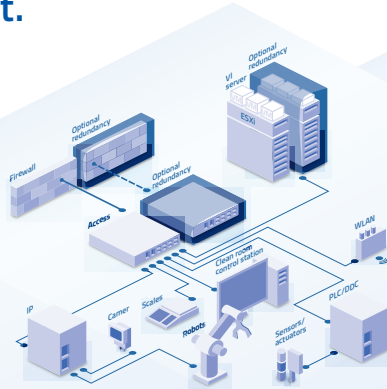


Scalable solution options for your OT environment.



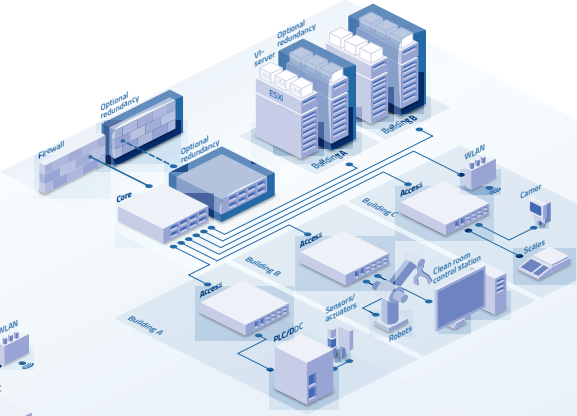
Standalone

- Simple network topology



Increased availability

- Virtualisation server (redundant)
- Network components (redundant)
- Backup server (redundant)
- Connection to IT network



High-availability decentralised infrastructure

- Geographically separate infrastructure
- High-availability virtual infrastructure (VI)
- Central services (redundant)
- IT network connection (redundant)

Infrastructure

- Next-generation firewall
- Virtualisation
- Backup & restore
- Archiving & retrieval
- WLAN
- OT client, remote maintenance station

Services

- Central user administration (ADS)
- Network / infrastructure monitoring
- Time synchronisation
- E-mail relay
- Printer service
- Update service

- Cybersecurity
- Knowledge database
- User access management tool
- Privilege access management (PAM)
- Central logging station
- Asset management



Thanks to our many years of experience in the field of OT networks and virtualisation, we know the requirements inside out, offering innovative and robust solutions for your digitalisation strategy.

RETEL offers you ...

- Inventories and concept development for IT / OT
- Planning and implementation of OT infrastructure and services for networking heterogeneous plants / systems
- Qualification of OT networks
- OT life cycle management
- Upgrade and migration of computer systems
- Support & service