



knürr
World of control rooms

INDUSTRY

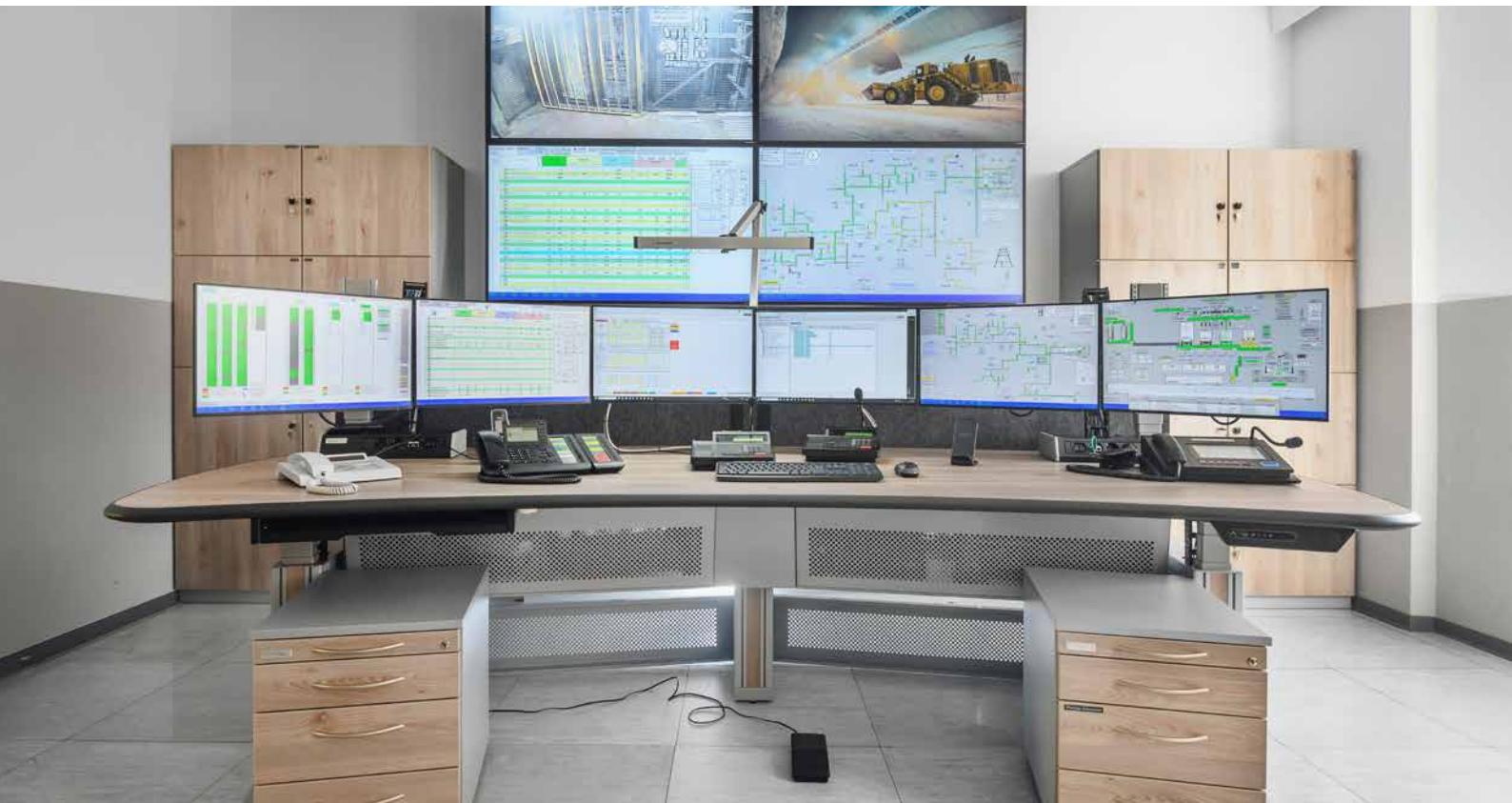
INTEGRATED 24/7 INDUSTRIAL CONTROL ROOMS

FOR PRODUCTION MONITORING,
TEST BENCHES AND TEST ENVIRONMENTS



MODULAR 24/7 WORKSTATION SYSTEMS FOR INDUSTRIAL CONTROL ROOMS, TESTING AND PRODUCTION ENVIRONMENTS

Knürr supports operators in the ergonomic and technical design of control stations where production, testing and infrastructure processes are reliably monitored, controlled and analysed.



Process industry (chemicals, petrochemicals)

Control centres and control workstations for critical process chains:

- Plant monitoring & process visualisation.
- Control rooms in chemical parks & refineries.
- Round-the-clock production monitoring.
- Visualisation of control systems (DCS / SCADA).

Knürr offers:

Durable 24/7 operator workstations featuring KVM, power and signal management, as well as structured cable management, an integrated equipment rack and an ergonomic monitor layout – designed for continuously monitored process environments.

Food Industry & Packaging

Control rooms for hygiene-critical processes and quality monitoring:

- Process monitoring in sensitive production areas.
- Plant control & packaging lines.
- Quality assurance & batch traceability.

Knürr offers:

Workstations for production-related areas with higher requirements in terms of cleaning, robust materials and modular workstation design.

Production control rooms located close to the production lines

System workstations for production monitoring, end-of-line testing and analysis:

- Test benches for engines, gearboxes and electronics.
- Test areas in R&D and quality assurance.
- Operator stations on production lines and automation lines.
- End-of-line control and monitoring.

Knürr offers:

Highly flexible modular workstations with optional measurement equipment mounts, equipment pull-out units, the capacity to support heavy components and customisable configurations.

Grid control centres and power station control rooms

Centralised control of complex switching states and fault management:

- Production and energy control centres.
- Monitoring of technical infrastructure.
- Integration with ERP, MES and SCADA systems.
- Cross-shift control stations with 24/7 availability.

Knürr offers:

Well-designed control room concepts featuring video wall integration, operator desks with multifunctional panels, redundancy options and intuitive operation.

Plant safety and security

Control centres for industrial risk management, plant safety and emergency management:

- Security and hazard reporting centres.
- Alarm receiving centres (AES) in accordance with DIN 14675.
- Control rooms for in-house fire brigades.
- Emergency call handling & incident coordination.
- Integration with hazard management systems (GMS).

Knürr offers:

Robust 24/7 workstations with safety-critical IT connectivity, a clear operating structure, optimal visual guidance and redundancy concepts for emergencies.

Test, measurement and development environments

Workstations for testing, measurement and development laboratories:

- Endurance test benches & long-term monitoring.
- Measurement data analysis & remote access.
- Real-time development control.

Knürr offers:

Ergonomic laboratory workstations with height-adjustable equipment, a modular design, IT integration and ESD compliance.

WHAT KNÜRR OFFERS FOR 24/7 INDUSTRIAL ENVIRONMENTS

Knürr supports operators of industrial control centres and control rooms with bespoke workstation systems that combine **ergonomics**, **technology integration** and **ease of maintenance**. This creates working environments that meet 24/7 requirements and can be adapted to changing processes in the long term.

OUR RANGE OF SERVICES FOR INDUSTRIAL CONTROL ROOMS:

 **ANALYSIS & ERGONOMIC WORKSTATION DESIGN**

 **CUSTOM DESIGN AND MANUFACTURING**

 **INTEGRATED WORKPLACE SOLUTIONS**

 **VISUALISATION AND LARGE-SCREEN WALL INTEGRATION**

 **KVM, POWER AND SIGNAL MANAGEMENT**

 **THERMAL AND CABLE MANAGEMENT**

 **INSTALLATION, COMMISSIONING AND DOCUMENTATION**

 **SERVICE, MAINTENANCE AND UPGRADES**



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INDUSTRY KNOW HOW

**KNÜRR COMBINES ERGONOMIC WORKSTATION
DESIGN, ROBUST INDUSTRIAL CONSTRUCTION
AND INTEGRABLE DIGITAL INFRASTRUCTURE
TO CREATE DURABLE CONTROL ROOM
SOLUTIONS FOR 24/7 OPERATION.**

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