



knürr
World of control rooms

KNÜRR GMBH

INTEGRATED CONTROL ROOM SOLUTIONS

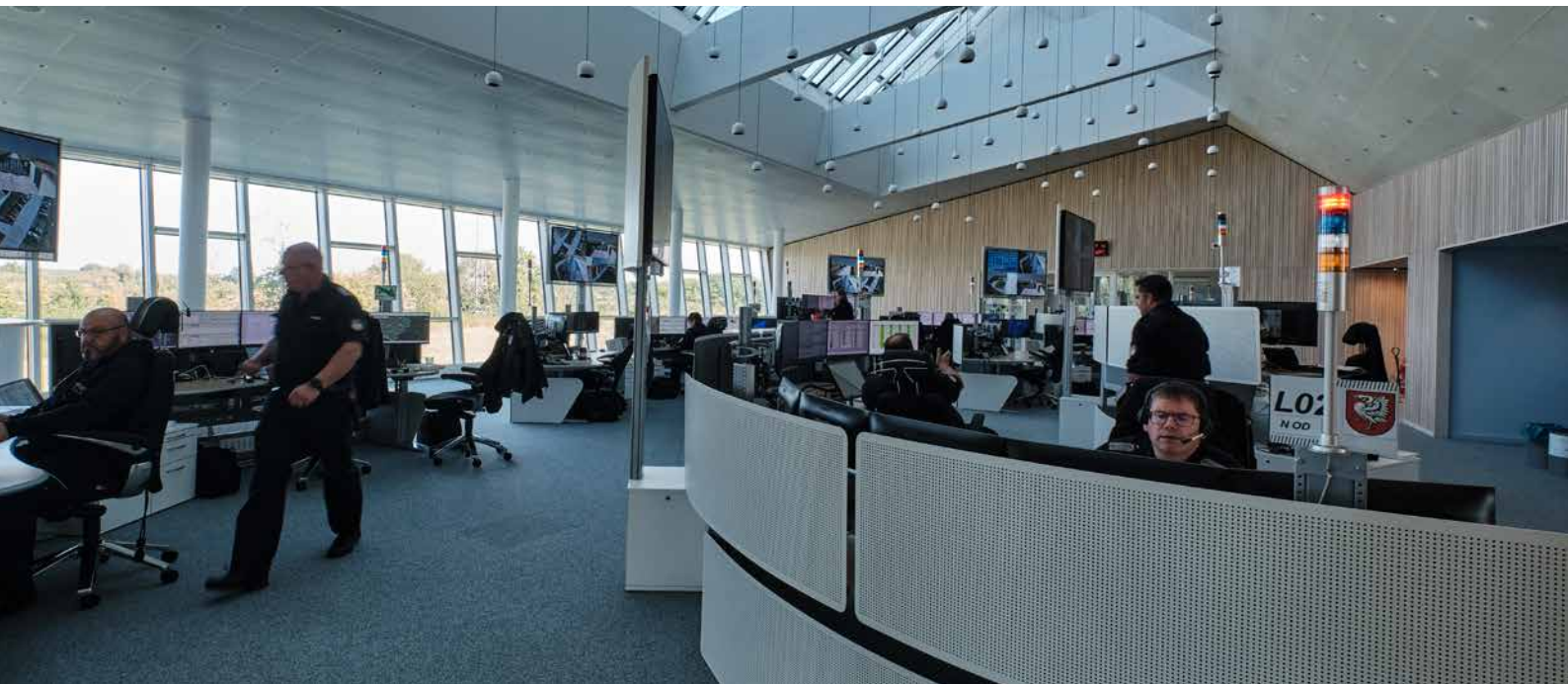
GERMAN ENGINEERING EXPERTISE FOR THE
WORLD'S CRITICAL INFRASTRUCTURE.

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SAFETY, AVAILABILITY AND PRECISION FOR RELIABLE 24/7 OPERATIONS.

Knürr develops innovative, bespoke and fully integrated workstation systems for safety-critical control centres and control rooms – from planning and manufacturing through to technical integration and long-term support, ensuring reliable 24/7 operation.



When processes cannot be interrupted, technology, space and people must work together seamlessly. Knürr creates the right conditions for this: **with ergonomic workstation systems, intelligent system integration and solutions** that are precisely tailored to the requirements of safety- and performance-critical environments.

For over 50 years, Knürr has stood for technical expertise, innovative workstation concepts and reliable solutions 'Made in Germany'. From the initial consultation and planning, through development, manufacture and installation, right through to service and long-term operational support, we support our customers throughout the entire project lifecycle.

We do not think in terms of individual components, but rather in terms of integrated, comprehensive solutions. This results in control rooms and control centres that combine ease of use, efficiency and operational safety – both today and with an eye to tomorrow's requirements. Our modular systems can be flexibly adapted to individual work processes, spatial conditions and future changes. By combining precise planning, technical integration and comprehensive service, we create solutions that work reliably for years to come.

Knürr stands for **collaborative partnership, a high degree of vertical integration and quality** at every stage of the project.

Knürr combines ergonomic workstation systems, intelligent technology and German engineering expertise to create solutions for safety-critical infrastructure.

KNÜRR. A SPACE FOR RESPONSIBILITY.

PERFORMANCE THAT MAKES A DIFFERENCE IN OPERATION.

Control rooms are the operational hubs of safety-critical infrastructure. Here, information must be available at all times, decisions must be made swiftly, and processes must be reliably controllable. Knürr combines ergonomic design with technological performance, thereby creating working environments that provide optimum support for both people and systems.

Our solutions are modular in design, flexibly expandable and built to last. Whether it's a control centre, network control room, process control room or safety-critical IT environment: Knürr develops the right concept to meet individual requirements, spatial conditions and complex operational processes.

Comprehensive solutions from a single source:

- **Integrated workstation systems**

Ergonomic, modular and future-proof workstations for demanding 24/7 applications.

- **Customised planning and engineering**

Development of bespoke solutions – from needs analysis through to planning and technical implementation.

- **Visualisation and control**

Integration of video walls, multi-screen solutions, KVM systems and state-of-the-art media control systems for clear and efficient information processing.

- **Ergonomics and interior design**

Optimised sightlines, customisable control panels and well-designed workstation layouts for maximum comfort and sustained concentration whilst working.

- **System Integration and Connectivity**

Smart solutions for power supply, signal management, cabling and the reliable connection of all relevant components.

- **Thermal Management and CEC**

Monitoring and controlling temperature and airflow to ensure hardware performance and prevent operational failures.

- **Manufacturing, assembly and commissioning**

High-quality manufacturing, professional installation and a structured commissioning process carried out by experienced specialists.

- **Service and long-term support**

Maintenance, technical support, spare parts supply and system upgrades to ensure long-term availability and to protect your investment.

FOR INDUSTRIES WITH A SENSE OF RESPONSIBILITY.

Knürr solutions are used wherever **safety, reliability and quick decision-making** are crucial:

 **PUBLIC SAFETY**

 **ENERGY**

 **TRANSPORTATION**

 **INDUSTRY**

 **AVIATION**

 **MILITARY & DEFENSE**

 **INFORMATION SECURITY**

OUR SCOPE OF SERVICE IN CONTROL ROOMS

**Control Room
Consoles**

Supervisor Office

Videowall

**Lighting
Solutions**

Central Control Room

Acoustics

Control Room Chairs

Engineering Room

**Professional
Display Mounts**

KVM-Solutions

Ergonomics and Human Factors Engineering (HFE)

19" Technology

Knürr® Position and Guidance tables

— Crisis and Situation Room

— Server and Maintenance Room

UPS Systems

Cooling Solutions

— Central Administration Room

Power Distribution and Socket Strips

Contract Furniture

AI GENERATED

PUBLIC SAFETY: CONTROL CENTRE SOLUTIONS FOR THE MOST DEMANDING REQUIREMENTS

Today, modern control centres in the public safety sector must do far more than simply coordinate operations. They are high-availability, safety-critical working environments in which ergonomics, technology integration, clarity and operational safety must work together seamlessly. Particularly in continuous 24/7 operation, solutions are required that not only impress in terms of functionality but also sustainably improve the quality of work and are prepared for future requirements.

Knürr develops and implements holistic control centre solutions for the fire service, ambulance service, police, civil protection and integrated regional control centres. The focus is on ergonomically optimised workstations, intelligent control concepts, structured integration of technology, and bespoke spatial, acoustic and lighting solutions. This creates working environments that reliably support focused, safe and efficient work, even under high pressure.

The following case studies illustrate how a wide variety of requirements can be successfully implemented in modern public safety control centres – from new builds and extensions to bespoke solutions. They demonstrate our commitment to combining technical precision, functional design and long-term future-proofing in a high-performance, comprehensive solution.

MÄRKISCHER KREIS CONTROL CENTRE



Project description

As part of the new building project for the **Märkischer Kreis control centre**, Knürr implemented a comprehensive and future-proof public safety control centre solution. Ergonomic operator workstations, intuitive control technology, bespoke office furniture and comprehensive technical integration create a highly available, secure and efficient working environment for demanding 24/7 operations.

Key Facts

- 12 Knürr® Ergocon operations control stations and 6 Knürr® Elicon exceptional incident enquiry stations.
- Intuitive control via Knürr® Ergocontrol.
- Customised workstation furnishings with special finishes and bespoke designs.
- Integrated lighting, acoustic and signalling systems.
- Redundancy concepts for maximum availability and operational reliability in 24/7 control centre operations.

ANSBACH INTEGRATED EMERGENCY CONTROL CENTRE



Project description

Knürr has implemented a comprehensive control centre solution for the Ansbach Integrated Emergency Control Centre, designed to support modern, future-proof 24/7 operations. Ergonomic workstations, comprehensive integration of technical systems and bespoke office furniture create a high-performance, well-organised and efficient working environment for the fire service, ambulance service and civil protection.

Key Facts

- Ergonomic control centre workstations for 24/7 operation.
- Integration of 65-inch visualisation solutions without a traditional monitor wall.
- Bespoke linking desks designed for preinstalled technical integration.
- Integration of lighting, acoustic and signalling technology into the overall concept.
- Future-proof and easy-to-maintain comprehensive solution.

WORKING TOGETHER TO FIND SOLUTIONS THAT MAKE A DIFFERENCE

From the initial concept right through to reliable 24/7 operation, Knürr supports its customers **with comprehensive expertise, precision engineering and integrated solutions**. This results in high-performance control rooms that sustainably meet the most stringent requirements in terms of safety, ergonomics, availability and future-proofing.

OUR RANGE OF SERVICES FOR 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

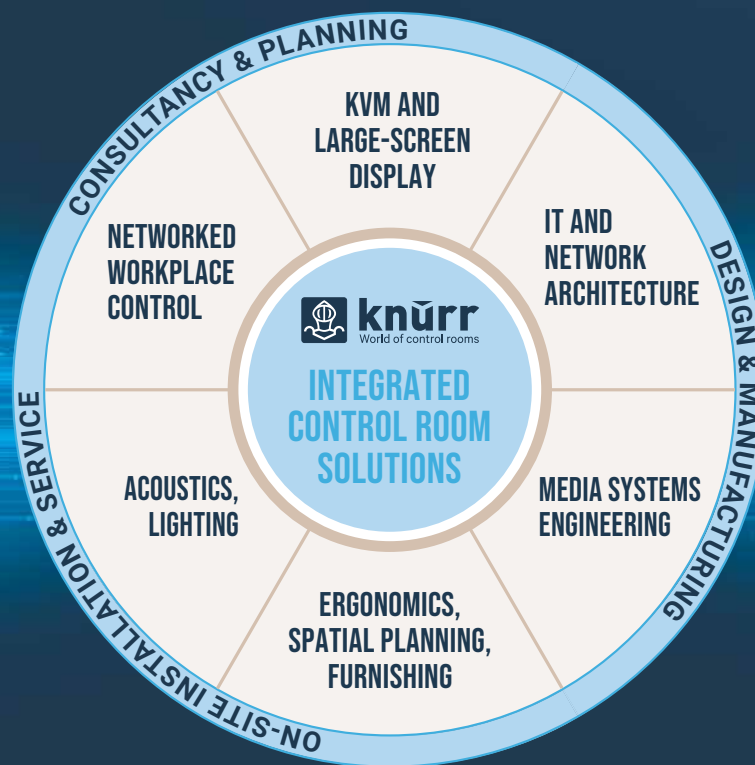
 SERVICE, MAINTENANCE AND UPGRADES



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INDUSTRY KNOW-HOW

**WHETHER AVIATION, DEFENCE, PUBLIC
SAFETY OR INDUSTRY – OUR SPECIALIZED
SOLUTIONS ENSURE MAXIMUM OPERATIONAL
SAFETY, EFFICIENCY AND ERGONOMICS – PRECISELY
TAILORED TO YOUR SECTOR.**



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