Press Release

DEKRA provides Testing Services for a Key Industry

Ensuring Safe Operation of Data Centers

- Protecting Data Centers as Part of Critical Infrastructure
- Tailored Services for Security and Resilience
- Independent Assurance Services to Build Trust

Data centers have become a central part of critical infrastructure. DEKRA has now developed a customized service package for operators that supports technical safety, resilience, data security, and sustainability. Independent inspection **services build trust throughout the entire lifecycle of the facilities and protect processes and assets.**

Data centers are the foundation of today's digital economy. They power cloud computing, artificial intelligence (AI), digital services and critical infrastructure. As demand for digital capacity continues to grow, operators face increasing challenges around power resilience, cooling, cybersecurity, sustainability and regulatory compliance.

As the world’s largest non-listed testing, inspection and certification company (TIC), DEKRA is addressing this growing complexity. Risks are rising due to higher AI workloads, higher rack densities, liquid cooling, battery energy storage systems (BESS), evolving cybersecurity threats, and stricter environmental requirements. DEKRA combines expertise and experience across Safety, Security, Sustainability and Digital Trust needed to support the reliable and sustainable operation of data centers.

DEKRA has expertise in a range of services, e.g. the following:

- **Compliance, Certification & Assurance:** Services in accordance with standards governing the design, construction, and safe operation of data centers (EN 50600, ISO/IEC 22237, and TIA-942), as well as compliance with legal requirements and environmental standards.
- **Commissioning:** Validation of systems prior to commissioning and recommissioning, including integrated system tests (IST), independent witness

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testing, EPMS, BMS, and SCADA validation, operational-readiness, and failover testing.

- **Power, Cooling & Infrastructure**: electrical installation testing, UPS, generators, switchgear, and lightning protection testing, as well as testing of battery energy storage systems (BESS), and assessments of arc flash hazards and power quality studies.
- **Safety, Security and Operational Resilience:** Process safety, business continuity management systems (ISO 22301 certification), fire protection and inspection, physical security testing, technical risk assessments, occupational health and safety (ISO 45001), workforce competence and training.
- **Sustainability, Energy and Environmental Assurance:** Energy Management System (ISO 50001), Environmental Management System (ISO 14001), carbon footprint accounting and verification (ISO 14064), resource and water management, as well as support for CSRD/ESRS compliance, noise and environmental monitoring.
- **Digital Trust and Cybersecurity:** Information Security Management System (ISO/IEC 27001), AI Management System (ISO/IEC 42001), NIS2 compliance, IEC 62443 for OT security, BMS, EPMS and DCIM cybersecurity, compliance with the Cyber Resilience Act (CRA), as well as mobile, cloud and application assurance, security evaluation and penetration testing.
- **Equipment, Hardware and Component Testing:** Verification of the performance and reliability of critical equipment, including product safety testing, EMC testing, environmental stress testing, cabling certification, rack and containment testing, and hardware, cooling and battery validation.

With a network of local experts and international specialists, DEKRA, as an independent and neutral testing partner, builds trust among operators and stakeholders. This integrated approach enables operators to address technical, operational, and regulatory challenges through a single point of contact.

www.dekra.com/en/data-center-services/

About DEKRA

For more than 100 years, DEKRA has been a trusted name in safety. Founded in 1925 with the original goal of improving road safety through vehicle inspections, DEKRA has grown to become the world's largest independent, non-listed expert organization in the field of testing, inspection, and certification. Today, as a global partner, the company supports its customers with comprehensive services and solutions to drive safety and sustainability forward. In 2025, DEKRA generated revenue of 4.4 billion euros. More than 48,000 employees are providing qualified and independent expert services in approximately 60 countries across five continents. DEKRA holds a Platinum sustainability rating from EcoVadis, placing it among the top 1% of the globally assessed companies.