



# Riyadh data center energy storage

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ICS Arabia is a leader in design, construction and operations of highly reliable, scalable, redundancy and connectivity requirements-based data centers. Our experience includes numerous references for Uptime Tier Certified Data Center turnkey projects successfully delivered to Defense, Intelligence, Healthcare Institutions and commercial clients, in the KSA and internationally. We offer our services for greenfield and brownfield projects.

ICS Arabia in-house certified engineers assure data centers are designed for the optimal efficiency, interruptible power supplies, redundancy for ventilation and cooling systems, and they comply to the strictest fire safety ratings and security requirements.

ICS Arabia highly qualified in-house Electrical, MEP, Fire Life Safety and CAD/BIM engineers deliver integrated DC design for improved efficiency, highest safety, and security and fault-tolerant facilities.

We integrate compute, storage, networking, virtualization and software components to lower compatibility issues, improve operational efficiency and reduce costs for power, floor space, cooling, and cabling.

Our ATD certified engineers are experts in Uptime Tier certification and ensure data center compliance to selected tier performance. We also follow TIA and BISCII best-practices, and ensure compliance to NFPA, KSA Civil Defense and other relevant codes.

ICS Arabia engineers achieve tremendous savings for our clients through optimization of cooling systems, free cooling, aisle containment and defining the right design for computer room air conditioning (CRAC).

Most of our clients' mission-critical operations are reliant on cloud, edge computing, and big data, that raises the most stringent requirements for data center redundancy and reliability. Physical power infrastructure and uninterrupted power supply plays a critical role assuring continuous operations.

Requirement for Fire Life Safety systems in data centers are extremely strict that requires specialty expertise and skills for engineering. We utilize the latest technology for early fire detection (VESDA), automated clean agent fire extinguishing systems, automated climate, and relative humidity control using precision equipment.

With experience delivering turnkey solutions for the highest security requirement government data centers, ICS Arabia is leading ELV systems provider in the KSA. Our solutions include CCTV systems, scanning, access control, e-fencing, and physical security elements with custom-designed integration solutions.

ICS Arabia provides clients with customized software solutions for data centers' infrastructure and operations management. This technology allows facility managers to have complete insight and control over



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their data center's daily operations, capacity planning, energy management, predictive maintenance, and sustain undistributed operations.

RIYADH: Global digital infrastructure company Edgnex has chosen the Kingdom as its first location for its \$1 billion planned data center empire across Europe, Asia, Africa, and the Middle East.

"We want to help attract hyperscalers and innovators from around the world and give them a foundation for growth in the Kingdom," Telecom TV reported, citing Niall McLoughlin, Senior Vice President of property developer Damac Group.

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