

CASE STUDY

AL-RAWAF CONTRACTING, BURAIDAH: SMART INFRASTRUCTURE FOR THE DIGITAL FUTURE

With a compact SMDC from Datwyler, Al-Rawaf now has a secure, scalable and efficient data centre solution at its headquarters.

Al-Rawaf Contracting is an established Saudi company based in Buraidah, the capital of Al-Qasim Province. It operates as a general contractor, in construction, infrastructure and urban development as well as in the electricity, water and energy sectors. The digitalisation of business processes is an integral part of its strategic vision because it improves operations and supports the company's future growth.

To meet the growing performance requirements of its IT infrastructure, optimise available space and ensure the necessary scalability, Al-Rawaf Contracting was looking for a new, modern data centre solution. After evaluating various options, the company opted for a Smart Modular Data Centre (SMDC) from Datwyler. The project was implemented at Al-Rawaf's headquarters, in collaboration with Datwyler's local partner in the Kingdom, Continuous Information Technology Support (CITS).

Efficient and scalable

Datwyler supplied a multi-rack SMDC tailored precisely to Al-Rawaf's requirements – a compact and robust centralised Tier 1 data centre for the company's most important IT resources.

The solution includes two IT racks with integrated power distribution and a 10 kVA cooling unit. Its modular design allows for easy expansion should higher requirements arise one day.

Thanks to its plug-and-play design, the SMDC was installed quickly, resulting in minimal disruption to daily operations. Close coordination with CITS also ensured that



the highest quality and security standards were maintained during every project phase.

Following final testing, the new data centre was handed over operationally in February 2025.

Improved performance and security

Thanks to this upgrade, Al-Rawaf now benefits from a powerful and scalable IT infrastructure solution that supports its digital growth strategy.

"We are very pleased with the results of the collaboration between Datwyler and CITS," explains Mohammad Ramadan, Senior Head of Infrastructure & Cybersecurity at Al-Rawaf Contracting. "The implementation of the Smart Modular Data Centre at our headquarters has significantly improved the performance and security of our infrastructure. It also gives us the flexibility to adapt to future requirements."

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