



Data centre architecture

Sweco's data centre architects provide end-to-end expertise and design leadership for hyperscale, colocation and enterprise facilities – from feasibility through support and commissioning.

Our core expertise

We deliver a uniquely integrated approach to data centre architecture across all RIBA stages, from strategy and planning through technical design, construction and handover.

- Site appraisal, feasibility and test fits
- Data centre masterplanning and campus layouts
- Planning led architectural strategies
- Hyperscale and colocation facility design
- Operationally driven spatial planning
- Resilience, security and expansion planning
- Façade and envelope performance design
- Multi disciplinary technical coordination
- Delivery focused detailed design
- Construction support and design assurance

The Sweco difference

Our data centre architects bridge the gap between concept-led design and technically complex delivery. Embedded within Europe's largest engineering consultancy, we combine architectural quality with deep operational and technical understanding, working seamlessly with mission critical MEP, structures, civils, security and sustainability specialists.

Our approach

Architecture that shapes operation

We design data centres around real operational requirements – capacity, resilience, security and adaptability – ensuring buildings perform as efficiently in use as they do on paper or screen.

Delivery-focused from Day One

Our architects remain engaged as technical complexity increases, coordinating envelope, structure and MEP interfaces to maintain design intent, control change and safeguard your programme.

Integrated expertise under one roof

With architecture embedded in a multi-disciplinary team, clients benefit from single point coordination, reduced risk and faster, more confident decision-making across the project lifecycle.