

Jobs in Data Centre Construction



The commercial data centre sector is growing strongly at the moment for a number of reasons – old fashioned and inefficient server rooms on office premises are being decommissioned and the activity is being consolidated and /or outsourced so that it can be done more efficiently. We are also relying more and more on digital data to support business activity, government services and social interactions and entertainment. So new sites are being developed to provide the digital infrastructure capacity that we need both now and in future. At the same time older facilities have to be expanded, remodelled, or even rebuilt to make them more efficient, reliable and secure.

Data centre construction is hugely complex because a data centre brings lots of different technologies – and even industry sectors - together under one roof. So we need people who understand things like large scale steel frame construction, engineering plant, communications networks, power supplies, security, compliance and everything in between, plus of course project managers and team leaders who can coordinate all the different elements and deliver on time.

Jobs in data centre construction include:

- Project Delivery Manager / Director: Provides the point of contact for customers to keep them informed on progress and ensure it is being delivered on time and in line with their expectations
- Project Manager: Manage and coordinate contractors and suppliers, track progress and costs. Delivering on schedule to the project programme, whilst ensuring health and safety standards are being kept onsite.
- Purchasing Lead, Procurement Director, Inventory Manager: These people make sure that materials and equipment are available on time.
- Building Compliance Manager/ Director: Buildings must meet multiple safety and performance standards, so specialists are needed to check and report.
- Site Manager: looks after the practical day to day running of the construction site, especially around health and safety in the workplace.
- Mechanical Construction Manager: Runs the mechanical engineering/design side of the project.
- Electrical Construction Manager: Runs the electrical engineering/design side of the project.
- Mechanical/Electrical Engineers: Part of the teams delivering the installation
- Quantity Surveyor / Building Surveyor: Quantity surveyors calculate the physical quantities of building materials needed for the construction. Building surveyors ensure the construction is safe in terms of things like load bearing.

- Sales Executives: Part of the initial engagement with the customer, developing their ideas into reality. Provides the costs and solutions to the customer to approve and purchase.
- Facilities management: Provides ongoing maintenance to the business` usual services, ensuring re-active and pro-active management.
- CAPS (Consultancy & Professional Services): A team of electrical, mechanical and construction specialist designers. Provide efficacy and improvement solutions to data centre projects.
- CAD Technician: Builds and designs (with the CAPS team) models and project drawings to provide visual and scale drawn layouts and schematics to build to.



Who is working in data centre construction?

I`m Andy Putnam and I`m Project Delivery Manager at Keysource. We design and build data centres for customers around the world. I`m responsible for the overall delivery of projects within Keysource, from large scale data centres builds, to smaller more complex live data centre upgrades.

I`ve worked in the data centre industry for about 12 years and have delivered lots of data centre projects for many different customers in many different countries. No two projects are alike because everything we do is bespoke.

