



## Data Centre Consultancy Services



Successful operations of a data centre over the long term begins at the early stage of the planning & design process. Datwyler provides an integrated design-build-operate process in our consultancy services. Uptime Institute is widely accepted third party certification for colocation and enterprise data centres. There are three level progressive tier certifications from Uptime: Tier Certification Design Documents (TCDD), followed by Tier Certification Constructed Facility (TCCF), and then culminated with Tier Certification Operational Sustainability (TCOS).

You can leverage on our accredited tier designer to help you in the TCDD process. Our accredited team will verify and validate the design that is consistent and meets the Tier requirements and hence reduce unnecessary iterative process in submitting the acceptable design by the Uptime Institute.

As Uptime TCDD & TCCF primarily focus on power, cooling and ancillary, you will still need to refer to TIA & other standards for other aspects of your data centre, i.e. communications & architectural. Our consultancy team is also certified TIA-942 design consultant so you can leverage on our combo consultancy services to optimize your design to conform both Uptime & TIA standards.

Only data centre with the optimal end-to-end connectivity will be able to serve the IT purpose. With 101 years legacy of Datwyler in producing future-proof and the finest quality of cabling products, we are ready to share the best practices from our global clients.

The construction of data centre is irreversible process & hard to modify once the construction begins or completes so it is crucial to validate your

design before the construction. Our consultancy team will help you verify the redundancy of each and every critical component and distribution path, as well as maintenance opportunity and failure response in order to conform your targeted Tier requirements and to advise you on any enhancement areas that will ease your operations & maintenance.

TCDD certificate is valid for two years and not renewable. When the construction completes in two years, TCDD certificate will also expire. Meanwhile, tenants are becoming smarter to look for a facility with TCCF. In the US Uptime stops issuing TCDD and tenants look for TCCF certification. We can help you in validating your facility before going through TCCF process. We will advise you on any gaps between your TCDD & on-going construction so your contractor has sufficient time to rectify them. We offer commissioning services to ensure your facility is ready for the worst scenario testing, before the Uptime certifier comes to your site to do TCCF certification.

In operations, we provide consultancy in setting up Standard Configuration Procedure (SCP), Standard Operating Procedure (SOP), Maintenance Operating Procedure (MOP), and Emergency Operating Procedures (EOP), and go through with you on the operations & safety trainings before the turnover & TCOS.

Below is the roadmap of our Design-Build-Operate, in which you can ride on our design consultancy, validation and commissioning services.

Please contact our local representative who will further discuss your requirements.

## Design-Build-Operate Timeline

