

Data centre optimisation



If you're looking for solutions that will help contain complexity and cost while boosting efficiency and productivity, the data centre is the ideal place to start.

Most data centres have evolved over time and make inefficient use of computing, storage, and energy resources. To optimise your data centre you need to make strategic decisions about the use of on-premise, hosted, collocated, and cloud infrastructure. This will allow you to consolidate your resources, cut costs, and leverage best practices that increase automation and simplify management.

However, IT leaders who are looking to build a next-generation, hybrid data centre face a number of challenges, for example:

- Embracing cloud and transitioning to a hybrid IT model can deliver agility and faster time-to-market, while eliminating the need for capex investment, but such a move needs to be carefully planned and executed.
- As the demand for IT capacity continues to mount, you may be experiencing shortages in data centre space, and power or cooling capacity.
- Your infrastructure and operations teams are under pressure to deliver crucial IT services – including legacy, mission-critical applications – while simultaneously supporting emerging business opportunities.
- Rationalising your applications and infrastructure to run either in the cloud, on-premise, or in a colocation facility requires specialised skills, which you may not have in house.
- Building and running data centres isn't your core capability.

Dimension Data's data centre optimisation services

Dimension Data can assist you with data centre planning, rationalisation, migration, and management with our comprehensive data centre optimisation services. We can help you optimise your data centre operating model so you can put in place the next-generation, hybrid data centre for the future, and deliver business services that are more automated and responsive than ever.

With Dimension Data's data centre optimisation services, you can:

- rationalise applications and define an infrastructure roadmap for a best-fit delivery model
- plan your data centre operating model to scale across continents and reach new markets
- migrate or relocate your data centre with minimal risk and time overruns
- optimise data centre operations with monitoring and management across on-premise, cloud, and collocated environments

Our data centre optimisation services include:

Data centre transformation consulting services

We can help you rationalise your applications for a best-fit delivery model whether it is cloud, on-premise or hosted and define your next-generation data centre roadmap through with our workshop-based consulting engagements.

Colocation services

Our integrated colocation services provide high-quality facilities, industry-leading service level agreements, universally consistent operations, multilingual support, as well as hosting, network, and security services. We partner with the largest data centre providers in the world to offer carrier-neutral, industry leading data centre facilities.

Data centre relocation, migration, and professional services

Our data centre relocation, migration, and professional services allow you to minimise risk while optimising your data centre resources and locations. We assist you to capitalise on technologies such as virtualisation and cloud, optimise power and cooling requirements, and explore opportunities to better meet your sustainability objectives.

Managed services

We can provide the end-to-end operational management of your data centre environment, across on-premise, collocated, and cloud infrastructure to optimise your operations. We ensure that the network, server, and storage environments are reliable and scalable, thereby enhancing information availability and application performance.

Why Dimension Data?

- holistic, end-to-end data centre optimisation services, rather than simply a point colocation service
- experience in building, operating, relocating, migrating, and managing data centre facilities
- expertise in all data centre domains including cloud, servers, storage, security, virtualisation, operations, and facilities
- largest data centre space provider globally with 143 data centres across 18 countries
- complementary capabilities in security, networking, communications, and end-user computing
- proven global consulting and delivery methodology with local expertise in 58 countries
- relationships with over 25 leading technology vendors
- more than 12,000 technical certifications