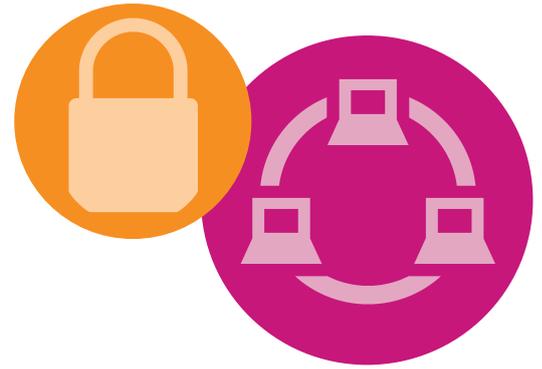ideal
Defining customer experience

SECURE DATA CENTRES

A new approach to data centre costs and flexibility

The digital transformation has impacted every business, and the need for organisations to be agile and flexible presents new challenges when it comes to data centres. But now more than ever, the data centre is a gateway to opportunity: if you are looking for a new way to approach data centre costs and flexibility, we are your Ideal partner.

Data is the new oil, and Digital Transformation is the engine

Data centres are the centre of the IT universe. They're the backbone of your apps and systems, and often underpin the first point of contact for your customers. A fundamental resource, they store vast quantities of sensitive, business-critical information.

But with the data centre's heightened importance comes a heightened need to plan, design and evolve to meet the needs and expectations of the organisation. New infrastructures such as cloud, virtual resources and BYOD initiatives need to be balanced against increasingly stringent security and compliance requirements: cyber criminals specifically target the high-value data that resides within the data centre. Attempts to access information or mount an orchestrated denial of service (DoS) attack can ramp up the load on the system - and if performance slows down, so does your whole business.

You will likely have already invested in storage and switches: as you evolve your disaster recovery or business continuity plans you will want to maximise the usage of these existing assets. If you want to achieve an infrastructure that supports both stability for business growth, and the agility to facilitate the rapid delivery of new initiatives, your business needs a common, integrated platform.

Your data centre is at the heart of everything that you do as a business, but the way that business works is changing fast. Users are app-driven, teams are adopting cloud consumption models, and your legacy data centre could become the bottleneck to your ambitions.

Does your data centre offer the power and reliability, tools and services you need to support your business outcomes? In a world of big data, mobile apps and real-time analytics, how do you ensure it's as agile as you are?

Daren Vallyon
Ideal solutions architect (data centre)

How we work

We will design your data centre infrastructure to balance reliability and availability against the need to be agile and responsive to your market needs. We can address and resolve key technical challenges within the organisation, including:

➤ Poor application performance

➤ Complex manual server, network and storage configurations

➤ Complicated and time-consuming integration of multiple hardware and software vendors

➤ Security - in your hardware, software, services, application design and business process

Ideal can design your data centre to meet high-end needs like enterprise databases or a virtual desktop infrastructure. We invest heavily in ensuring that our solution architects can design bespoke, best-fit data centre solutions that meet these current and future business needs and protect your existing investments.

How we can help

We are experienced and highly-certified Cisco experts. At the core of our data centre offering is Cisco's Unified Computing System: a revolutionary architecture delivering high-bandwidth, low-latency access to management, networking and storage resources. Our data centre services include:

➤ Data centre design, implementation, networking and security

➤ Physical and virtual switching infrastructure

➤ Replication and backup

➤ Disaster recovery design and planning

➤ Cisco Unified Fabric, blade and chassis-based solutions

Our areas of expertise

➤ **Virtualisation:** VMware

➤ **Storage:** NetApp, Nimble Storage, EMC²

➤ **Converged stack technologies:** Cisco Unified Fabric, Cisco HyperFlex, NetApp FlexPod, EMC VSPEX and Nimble Storage SmartStack

➤ **Disaster recovery and business continuity:** Zerto, VMware Site Recovery Manager, NetApp SnapMirror and NetApp MetroCluster

Our ability to co-design innovative solutions that meet specific business and IT needs, means that Ideal is the perfect partner for companies looking to optimise their data and applications infrastructure.

Contact one of our account directors today to discuss how we can make your data centre a critical success factor for your business.

Contact us: Ideal Sales team +44 (0)1273 957500 sales@ideal.co.uk