



Data Center Architecture

Improving productivity, enhancing business processes and accelerating change

Protect. Optimise. Grow.



What is a Data Center Architecture?

The ultimate goal is a flexible infrastructure that can incorporate ongoing improvements in computer, storage, networking and application technologies. Using consolidation and virtualisation technologies, Data center solutions enable IT organizations to turn computing and storage resources from single systems into a “service-centric” shared pool of resources consisting of standardized components that can be aggregated, tiered, provisioned, and accessed through a dynamic intelligent network

- » Optimised use of space, power, and cooling
- » Reduce energy costs
- » Improve productivity through enhanced application and data availability
- » Improved operational efficiencies and cost savings through standardisation and asset consolidation
- » Increase asset utilisation

Energy Efficiency

Infrastructure Consolidation

Workforce Productivity

Energy Efficiency

Workforce Productivity

Business Continuity

Business Continuity

Infrastructure Consolidation



The Business Impact

Data centers are staffed with experienced engineers highly specialised in managing a specific type of technology, such as servers, networks, storage, operating systems or security tools.

But as data centers around the world implement new technologies, including virtualisation software and more integrated hardware, the way personnel work in data centers has to change along with the technology.

The single-task specialists from the old data centers now must multiply their efforts like the virtualised equipment they manage.

Teams now need new skills to better understand how all the moving parts work together - have been blurring the lines among the roles and skill sets of the company's data center staff are no.

Businesses should develop a road map for how to develop skills and implement management changes that enables its personnel to adapt, and keep pace with the ever evolving technology.

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Global Knowledge helps organisations to improve productivity, enhance business processes and accelerate change

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