DTS

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Hyper Converged Systems

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Hyperconverged systems or hyperconverged infrastructures (HCIs) involve the combination of network, servers and storage in one unit. This makes it possible to build IT infrastructures that are easy to install, administer and scale. This consolidation saves costs in the long term and significantly reduces administrative expenses. We advise you on the establishment of agile and efficient IT.

- Hyperconverged systems as a combination of network, servers & storage in one unit

- Easy to install, easy to administer, scalable

- Consistently saves costs & reduces administrative expenses

- ROBO concepts for standardized & multi-site infrastructures

- Dedicated platforms and backup & disaster recovery concepts

- Many years of project experience with HCIs & long-term partnerships with leading providers

- Demo equipment for PoCs

Consolidating servers, storage and networking into agile, lean HCIs requires intelligent design. With functions such as de-duplication & compression (DECO), which we know from modern storage systems, data is stored efficiently to minimize space requirements. The systems generally offer high availability thanks to built-in redundancies. They can also be split between different server rooms to increase availability even further. Ultimately, it is possible to supplement or replace centralized data center infrastructures with HCIs without cutting back on availability.

It is also possible to exchange data between individual nodes or even locations effectively through the built-in DECO functions. HCI solutions are therefore particularly suitable for designing remote office and branch office (ROBO) concepts. You end up with a standardized, cross-site infrastructure that you can manage efficiently through familiar tools like VMware vCenter.

Given the many advantages of the solution and the flexible application options, these systems are suitable for the following use cases:

- Data center consolidation and hardware refresh

- Dedicated platforms for specific use cases (e.g. central VDI environment)

- Remote office & branch office (ROBO) concepts

- Backup & disaster recovery concepts