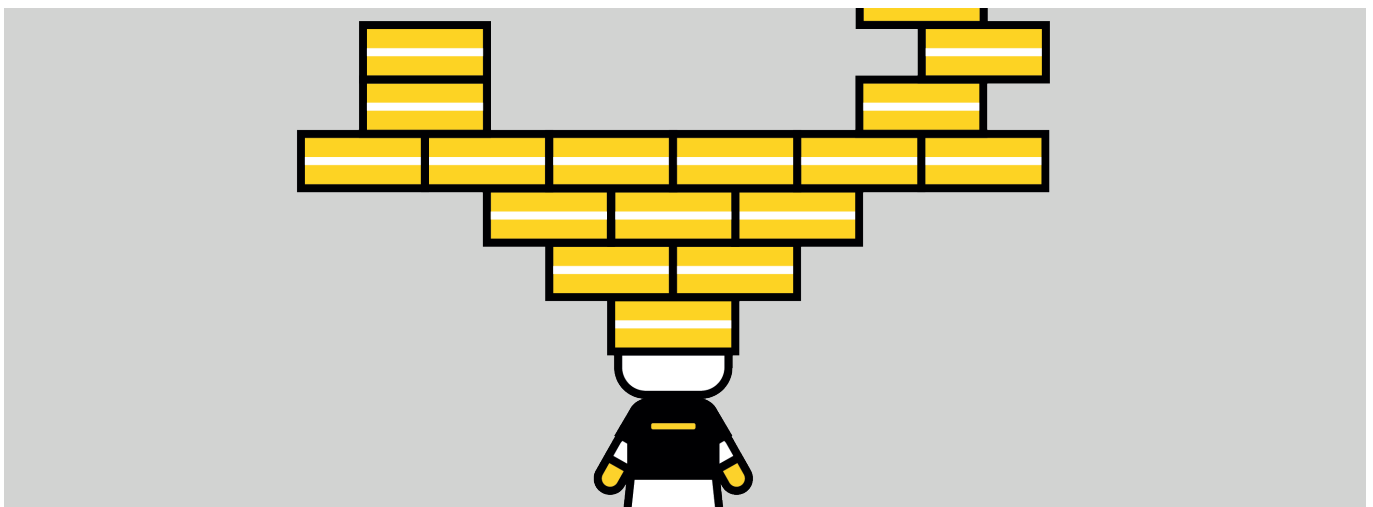


# FusionCompute DCS: For scalable and optimised utilisation of your IT resources.

IT infrastructure forms the foundation for a company’s digital performance. Increasing demands on availability, performance, scalability and energy efficiency are met with a growing variety of workloads – from classic business applications to cloud-native applications to AI and data-intensive scenarios.

Traditional, monolithic data centre architectures are often no longer able to meet these requirements. They incur high operating costs, make flexible scaling difficult, and limit the rapid introduction of new services. It is therefore becoming increasingly important for companies to make their computing infrastructure future-proof, modular, and automated. Huawei’s FusionCompute Datacenter Virtualisation Solution (DCS) provides targeted assistance in this area.



## Limitations of traditional, integrated data centre platforms

Traditional computing platforms closely link computing power, storage and networking. This leads to:

- Limited flexibility for capacity expansion
- Inefficient use of resources and over-provisioning
- Complex operation and costly lifecycle management
- Increasing energy and space requirements in the data centre

The introduction of new technologies or workloads – such as AI, containers or hybrid cloud models – is only possible with considerable additional effort.

## Flexible and scalable compute architecture

Huawei FusionCompute DCS can specifically address these challenges. The solution is based on a disaggregated data centre compute architecture, in which compute, storage, and network resources are logically separated from each other and managed centrally.

This allows IT resources to be scaled according to demand, operated automatically and utilised optimally. Companies receive a powerful, flexible and future-proof computing platform for modern data centres.

	Standard Edition	Advanced Edition	Advanced Edition + eContainer	*eDME
	Prepetual License + SNS			
Feature	FusionCompute eBackup	FusionCompute eBackup UltraVR	FusionCompute eBackup UltraVR eContainer	Data Center Management Multi-Tenant Management
VM Qos	👍	👍	👍	Storage resource management
DRX	👍	👍	👍	Server resource management
DRS	👍	👍	👍	Switch resource management
Micro-segmentation	👍	👍	👍	Hyper-converged resource management
VM cloning	👍	👍	👍	Virtual resource management
VM Snapshot	👍	👍	👍	E2E I/O path topology
Host and Guest Numa	👍	👍	👍	Elastic Cloud Server (ECS)
GPU virtualization and passthrough	👍	👍	👍	VM folder Authentication
vTPM	👍	👍	👍	Multi-tenancy
eVol	👍	👍	👍	
HA Management	👍	👍	👍	
NoF	👍	👍	👍	
Distributet virtual switch (DVS)	👍	👍	👍	
Network overlay SDN	👍	👍	👍	
Virtualization antivirus	👍	👍	👍	
eBackup	👍	👍	👍	
UltraVR		👍	👍	
eContainer			👍	

\*eDME as an optional part of the DCS management stack.

eDME: Management, monitoring, O&M automation, resource orchestration across the entire stack.

## Your advantages

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### Scalable and flexible compute architecture

Independent scaling of compute, storage and network – from a single rack to an entire data centre zone – without service interruption.

### Reduction of operating expenses and cost

Centralised management, automation and high resource efficiency reduce administrative effort as well as energy and operating costs in the long term.

### Future-proofing for modern workloads

Optimal support for cloud, container, AI and HPC workloads as well as hybrid and private cloud architectures.



«Without a platform,  
you can't fly high in  
business.»

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### Platform Builder

We turn your IT platform into a clever basis for more turnover.

### Contact

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