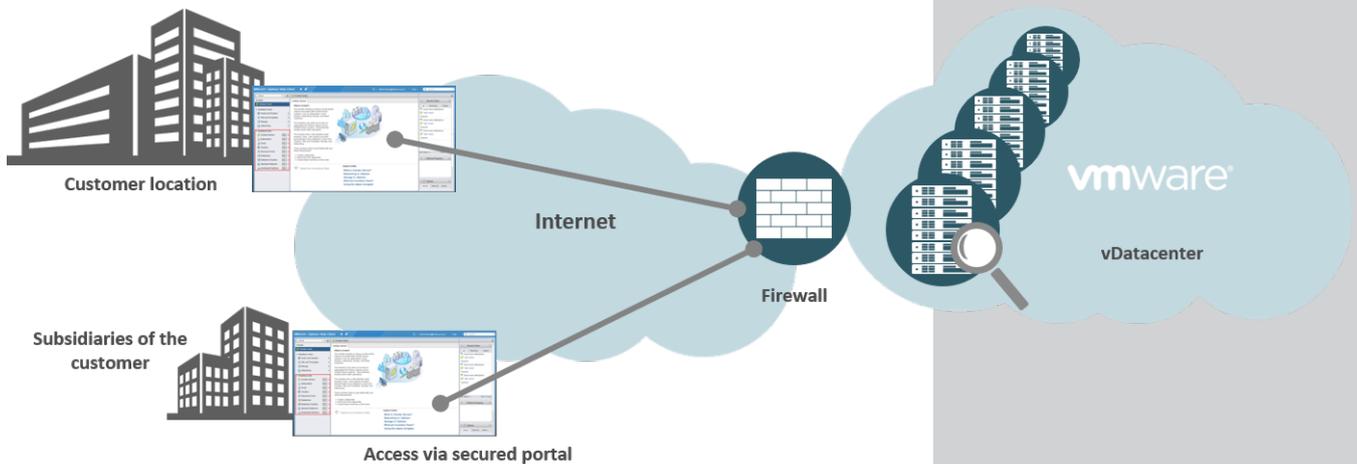


## vDatacenter

Elastic, virtual data centers



Make your systems elastic and scalable and join the next generation of virtualization by taking advantage of the self-configurable and flexible vDatacenter.

### Benefits

- No limitation regarding virtual resources, such as vCPU, RAM, or storage, thus considerably simplified capacity management
- Highest system stability through the use of enterprise-grade hardware and software components
- Maximum data availability secured by self-manageable snapshots and backups with individual restoration period as an option
- Flexible pay-as-you-grow pricing model based on cloud points
- Superior convenience provided by comprehensive VMware® infrastructure tools for administration, configuration and monitoring
- Highest security guaranteed by hosting in certified German data center

### Highlights

- Flexibly configurable virtual resources (e.g. vCPU, RAM, backup, storage)
- Elastic and freely scalable, virtual data center
- Access via secure portal
- Different storage classes
- Support of all VMware®-approved operating systems
- Service fees broken down to the hour and based on cloud points
- Support of individual system templates
- Including licenses for Windows Server and System Center Endpoint Protection

## Details

Within the high-performance infrastructure at noris network's VMware® farms, our vDatacenter offers you more than just performance and security. Via a secure portal, you can freely configure all virtual resources such as vCPU, RAM or storage. The resource consumption is determined hourly and converted into cloud points. The average points consumed are then charged at the end of the month. This way you pay only for what you actually use and you can adapt your setup to the current requirements at any time.

You can configure the vCPUs either as standard vCores or as power vCores. With the power vCores, the CPU resources are dedicated to the vServer and not shared with other vServers. This is especially helpful for terminal and database servers as well as for other CPU-heavy applications. The RAM resources are dedicated to all vServers. Individual system templates help you with the configuration.

The integrated storages are connected via a high-performance and failure-proof network. Depending on your requirements and application, you can assign volumes in the performance classes „Mass“ (for applications with high memory requirements), „Performance“ (for applications with high performance requirements) or „Ultra“ (for applications with the highest performance and latency requirements).

The licenses for Windows Server and System Center Endpoint Protection are already included in the standard system. If desired, you can operate almost any operating system, e.g. a LINUX derivate.

The use of VLAN technology enables the construction of individual setups with load balancers, firewalls and other components. To ensure that the performance of your setup is not limited by the connection, it is designed as a multiple 10 Gbit/s link.

If the worst comes to the worst, a location-distributed backup based on snapshots with an individually defined recovery period can be created on a daily basis if required. This enables both a recovery of entire vServers and a restore at file level. The availability is  $\geq 99.8\%$  p. a. If required, you can also create and manage snapshots yourself.

Ressource	Feature
vCore	vCore on a shaped physical core
Power vCore	vCore dedicated assigned physical core in hypertrheading mode
RAM	dedicated assigned
Mass-Storage	suitable for applications with high memory requirements
Performance Storage	suitable for applications with high performance requirements
Ultra-Storage	suitable for applications with highest performance and latency requirements
VLAN	dedicated assigned VLAN connections in the VMware farm and/or the network infrastructure of noris
Snapshot	for automatic backup and restore of data or entire vServers
Backup	Location-distributed backup of vServers assigned to the „Backup“ group

## Interested?

We look forward to your inquiry!

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