



Technical product sheet

Worldstream Private Cloud

As an IT organization, you naturally want your services to perform optimally 24/7, while you maintain complete control of your data. In other words: you're looking for nonshared resources set up in accordance with your workload needs, and no more network and hardware maintenance worries.

Sounds great, right? Save time and high one-off costs by switching to Worldstream's Private Cloud solution. Because the Private Cloud is set up for your organization alone, this fully managed VMware cluster enables top performance. The link with the WEN (Worldstream Elastic Network) SDN platform offers additional elastic expansion to incorporate our other IT solutions. Available today, next week or whenever best suits you. Our secondary support team is available to help you 24/7, and with a lightning-fast response time of seven minutes. All this for a fixed, monthly price.



The high availability of the Private Cloud means you can make use of your applications, services and files without interruption. With no noisy neighbors



Hybrid Cloud & Multi-Cloud

Cloud On-Ramp enables you to make direct links to all the well-known hyperscalers, such as Microsoft Azure, AWS and Google Cloud. These uplinks have a high uptime, based on the SLA guarantee.



Hybrid Cloud & Multi-Cloud

Gain access to the VMware ESXi vCenter environment. Individual workloads are isolated by means of microsegmentation from the hypervisor. In addition, vMotion and DRS technologies work together to ensure that the workloads on the VMs can be transferred without errors.



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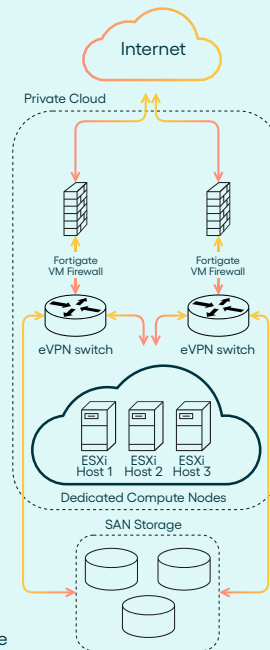
Why choose Private Cloud

The VMware Private Cloud environment is a dedicated high availability environment with resources that you can use as you wish, including resource overbooking. In fact, the resources of the underlying Worldstream management system – a redundant services cluster – are decoupled from the cloud solution. This means you can make use of 100% of your own IT resources. Thanks to redundant servers, failover capabilities and our global network with a bandwidth capacity of 10 Tbit/s, the Private Cloud environment is always accessible.

- ✓ Private cloud environment with fully dedicated physical resources, low latency and full access to the data.
- ✓ No unexpected costs, and a fixed, monthly price. You no longer need to invest in your own hardware.
- ✓ Configured in accordance with personal workload needs in order to get the most out of the compute resources and storage over SAN.
- ✓ Seamless integration with WEN (Worldstream Elastic Network) interconnection platform, facilitate infrastructure services through a single redundant set of network ports.
- ✓ Access to a fully managed VMware cluster of at least three dedicated ESXi hosts.
- ✓ Combined Fortinet technologies that are focused on security.
- ✓ Manage at least 50 dedicated stretched network segments (VLANs) with underlying EVPN and VxLAN technology.
- ✓ Our own state-of-the-art data centers are ISO 9001:2015, ISO/IEC 27001:2013, ISO 14001:2015 and PCI-DSS certified.
- ✓ Reliable Dell compute hardware that connects seamlessly with the VMware environment.

The Worldstream Private Cloud is more than just a continuously accessible virtual environment. For example, there's the 40 Gbit/s DDoS protection that you can increase if you wish. When it comes to data storage, you can rely on redundant iSCSI SAN all-flash block storage. Both synchronous and asynchronous file replication are possible.

Finally, the Private Cloud solution comes with a FortiGate Virtual Appliance Firewall, set up in accordance with your needs. In short, it's a total solution that puts the computer resources and data completely in your organization's hands.



WEN-enabled

Private Cloud

Redundant Dedicated Compute Nodes
Redundant Dedicated Compute Nodes
Redundant 2x 25 Gbit/s uplink (per node)
Proactive high availability
Full vCenter access with vMotion & DRS (Distributed Resource Scheduler)
Minimum of 50 private VLANs
Minimum of /29 floating IPs, usable between physical locations
40 Gbit/s DDoS protection included

All specifications are based on minimum performance levels.

WEN integration options

Connect your organization directly to the private cloud through Fiber to the Business.

Strengthen your infrastructure with our Multi-Datcenter, Cloud On-Ramp and Object Storage solutions.

For more information about WEN:

[Click here](#)

Block Storage-as-a-Service

High-performance all-flash iSCSI SAN	
Operations	1,000,000 IOPS
Storage capacity	From 1TB
Resiliency	Redundant storage controllers
Locations	Naaldwijk & Amsterdam
Twin data center options	Synchronous or asynchronous file replication possible

All specifications are based on minimum performance levels.

Where to start?

Need help integrating our private cloud solution so that it connects perfectly with your it infrastructure? All 12 wen integrations can be connected and combined. If you'd like to know more, get in touch with our iaas experts for an obligation-free brainstorm.



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We have more than 15 years of experience with data centers, servers, and network management

The result is more than 15,000 dedicated servers distributed across our two data centers through our sister company Greenhouse Datacenters. Worldstream also uses sites in Frankfurt and Amsterdam. High-quality, flexible, and affordable IT infrastructure. Underscored by our very high Net Promoter Score of 74 (NPS/US) and a satisfaction rating of no less than 9.6.