



WORLDSTREAM PREMIUM NETWORK

Platform for deploying, connecting and scaling IT resources

worldstream.com

Product brochure

Platform for deploying, connecting and scaling IT resources

With the Worldstream Premium Network scalable services and interconnection platform, you can effortlessly link bare metal, cloud and colocation, among others, via logical connections.

In practice, it is difficult for organisations to connect network resources, hardware and locations, as establishing these links costs a lot of time, money and effort.

Worldstream's Premium Network platform lets you avoid these issues entirely, because with the Premium Network, you can facilitate services over a single network port and within your own VLAN. Thanks to dynamically linked IT resources, workloads can be migrated in real time.

Advantages of the Premium Network

Organisations can start using our comprehensive Premium Network solution right away to gain access to the following advantages:

BUILT ON ARISTA

To enable scalability, the Premium Network combines EVPN (Ethernet Virtual Private Network) and VXLAN (Virtual Extensible LAN) technologies, provided by Arista Networks. The solution is built on the Worldstream infrastructure with a network capacity of over 10 Tbit/s.

- ✓ Deploy and combine all IaaS services (bare metal, private cloud, public cloud and colocation) in one centralised environment.
- ✓ Quickly and easily create your own VLANs through integrated EVPN/VXLAN technology.
- ✓ Effortlessly establish connections between offices, (external) applications and customers.
- ✓ Costs shift from CAPEX to OPEX.
- ✓ Operate independently of hardware or software through network function virtualisation (NFV).
- ✓ Quickly and easily connect servers and data centre locations without having to lay cables and/or establish connections.
- ✓ National & international organisations with multiple locations save time and resources.

The Premium Network can be combined with the IaaS services listed below



**Object
Storage-as-a-
Service**



**Block Storage-
as-a-Service**



**Firewall-as-a-
Service**



**Cloud On-
Ramp**

Colocation

3rd party datacenter

Multi location

Private cloud

Anti-DDos

Bare metal dedicated servers

Fiber to the business

Why choose the Premium Network?

With the Premium Network, organisations avoid having to invest in their own network environments. Building such an environment can be costly, especially for organisations that process vast quantities of data. Just think of the costs of furnishing and renting a data centre, purchasing network infrastructure and acquiring the necessary knowledge.

Through the Premium Network, you can easily add new Premium Network services (bare metal servers, data centre and cloud) to existing infrastructure. Within the Premium Network infrastructure, all components function in a logical network, communicating through various network protocols, so that it does not matter whether the components are distributed or not. By combining the Premium Network with Bare Metal Servers, you can get all the hardware you need for a fixed monthly rate, avoiding high one-off expenses.

10 Tbit/s
network capacity

CAPEX → OPEX
fixed monthly rate

Practical applications

01 Cluster-as-a-Service

In a traditional environment, organisations tend to have different networks, data centres and hardware in multiple locations. Linking these components together creates all sorts of complexities, such as establishing physical connections between locations, which makes it difficult to spread workloads across different locations. With the Premium Network, these issues will be a thing of the past. The Premium Network enables all resources in a geographically dispersed infrastructure to function as one, allowing for an increasing workload on a bare metal server to be effortlessly transferred to a public or private cloud. New servers can be added without having to reserve physical space in advance, as they will be incorporated straight into the logical network through the Premium Network.

Firewall-as-a-Service

Cloud On-Ramp

Multi location

Anti-DDos

Fiber to the business

02 Twin and/or multi-data centre solutions

Setting up twin or multi-data centre solutions is an expensive endeavour. Just think of the costs of furnishing a second data centre location and the monthly costs of the data connections involved. With the Premium Network, there is no need to build an additional environment from scratch. The Premium Network offers turnkey environments both inside and outside the Netherlands within which organisations can quickly build two or more data centre environments. With the Premium Network, connectivity between various data centres within the same infrastructure comes as standard, for no extra charge.

Block Storage-as-a-Service

Firewall-as-a-Service

Cloud On-Ramp

Bare metal dedicated servers

Multi location

Practical applications

03 Infrastructure-as-a-Service

It is difficult for organisations to make a difference in terms of infrastructure and housing in facilitating managed services. With Worldstream's Premium Network, organisations get access to infrastructure, experienced engineers, certified data centres and fully scalable capacity. Moreover, they avoid having to invest in making connections between data centres. With the Premium Network, you can create a fully scalable platform at your own discretion, from which Managed Service Providers (MSPs) and other providers can offer their Managed-as-a-Service services. Organisations can seamlessly combine on-premise environments with one or more data centre locations to spread workloads.

Firewall-as-a-Service

Cloud On-Ramp

Multi location

Anti-DDos

Fiber to the business

04 Private and public cloud combined (hybrid cloud)

The Private Cloud solution provides an environment based on VMware. The fully configurable hardware has a direct link to the redundant high-performance all-flash storage. Through the Premium Network, direct links can be made to well-known public cloud providers, such as Microsoft Azure, AWS and Google Cloud environments, with one or more data centre locations to spread workloads.

Object Storage-as-a-Service

Block Storage-as-a-Service

Cloud On-Ramp

Multi location

Private cloud

Worldstream was founded in 2006. Our mission is to offer high-quality, flexible and affordable IT infrastructure as a custom solution with a monthly pricing model.

Worldstream is headquartered in Naaldwijk, where all operations are managed. Overall, Worldstream manages more than 15,000 fully configurable dedicated servers (bare metal servers).

Worldstream offers security-focused Infrastructure-as-a-Service (IaaS) hosting services, including fully custom dedicated servers, colocation and distributed denial-of-service (DDoS) protection.

Through its sister company Greenhouse Datacenters, Worldstream has two of its own data centres, which house some of its infrastructure. In addition, Worldstream also uses data centres in Haarlem and Frankfurt.

Through its own global network with a capacity of 10 Tbit/s, with a network utilisation rate of only 45%, Worldstream guarantees reliable and stable connections.

Excellent 24/7/365 second line support with an average response time of 7 minutes. Customers give Worldstream a satisfaction rating of no less than 9.6 and a Net Promoter Score (NPS/US) of 75.

ISO 9001 · ISO 27001 · ISO 14001 · PCI-DSS
certified

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

The result is more than 15,000 dedicated servers distributed across our two data centres 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.

Want to know more?

Schedule a no-obligation brainstorming session with a Worldstream IT Architect or Account Manager. During this session, you will have the opportunity to ask all your questions, and we will decide together how the Premium Network can help you achieve your goals. Feel free to contact us:

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