



Worldstream elastic network

Platform for deploying,
connecting and scaling
IT resources



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With the WEN (Worldstream Elastic 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 organizations to connect network resources, hardware and locations, as establishing these links costs a lot of time, money and effort. Worldstream's elastic WEN platform lets you avoid these issues entirely, because with WEN, 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.



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Advantages of WEN

Organizations can start using our comprehensive WEN solution right away to gain access to the following advantages:

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

To enable scalability, WEN 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.



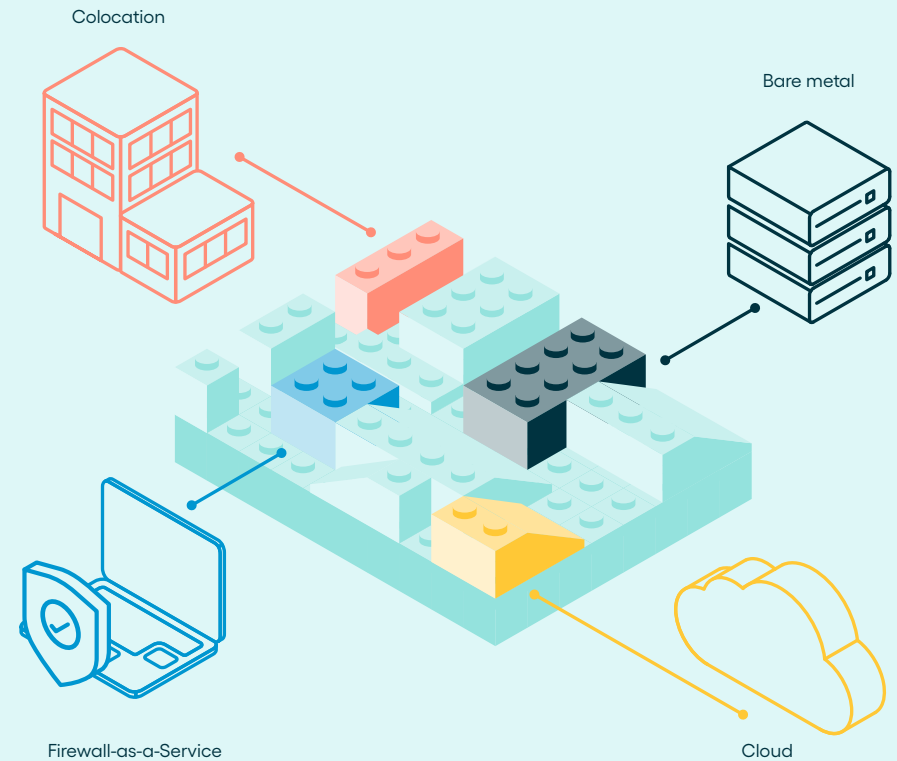


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WEN can be combined with the IaaS services listed below



WEN: Build your own infrastructure





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Why choose WEN?

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

Through WEN, you can easily add new WEN services (bare metal servers, data center and cloud) to existing infrastructure. Within the WEN 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 WEN with Bare Metal Servers, you can get all the hardware you need for a fixed monthly rate, avoiding high one-off expenses.



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Practical applications

1. Cluster-as-a-Service

In a traditional environment, organizations tend to have different networks, data centers 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 WEN, these issues will be a thing of the past. WEN 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 WEN.



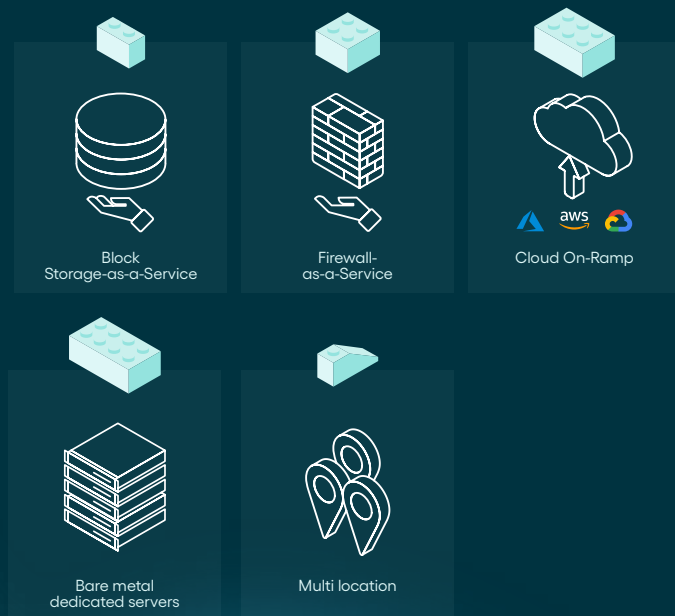


Worldstream elastic network

Practical applications

2. Twin and/or multi-data center solutions

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

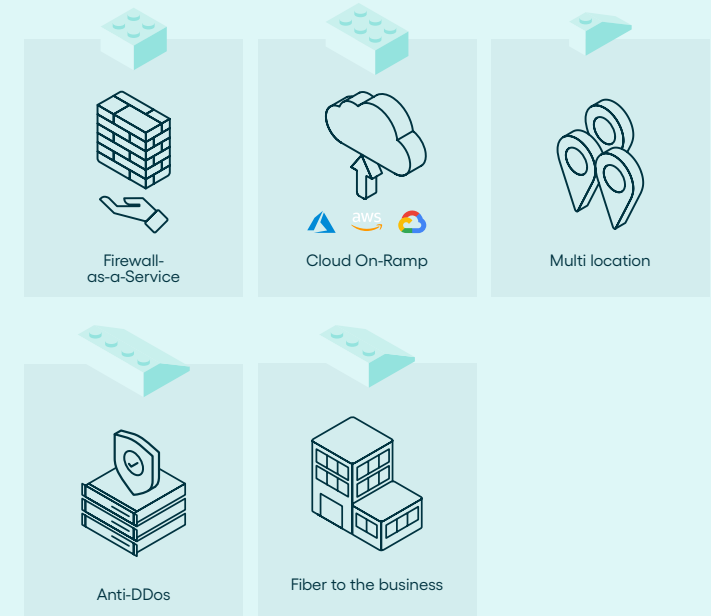


Worldstream elastic network

Practical applications

3. Infrastructure-as-a-Service

It is difficult for organizations to make a difference in terms of infrastructure and housing in facilitating managed services. With Worldstream's WEN, organizations get access to infrastructure, experienced engineers, certified data centers and fully scalable capacity. Moreover, they avoid having to invest in making connections between data centers. With WEN, 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. Organizations can seamlessly combine on-premise environments with one or more data center locations to spread workloads.



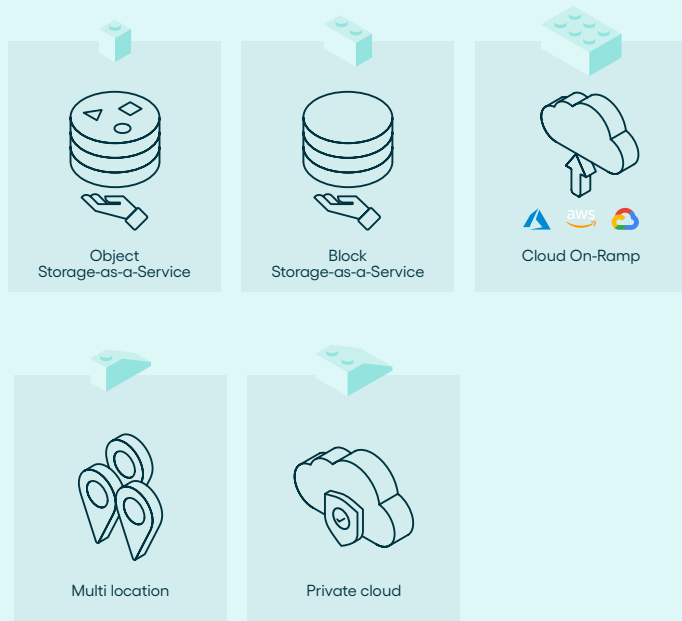


Worldstream elastic network

Practical applications

4. 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 WEN, 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 center locations to spread workloads.



worldstream



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 centers, which house some of its infrastructure. In addition, Worldstream also uses data centers in Haarlem and Frankfurt.



Through its own global network with a capacity of 10 Tbit/s, with a network utilization 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. Worldstream is ISO 9001, ISO 27001, ISO 14001 and PCI-DSS certified.

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 WEN can help you achieve your goals. Feel free to contact us:



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www.worldstream.com

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.