MEDIALINE

Cloud Computing

Azure Peering in Medialine Dataport

Connectivity on the next level

To prioritize important data traffic in the Microsoft Cloud, users need additional services. Our customers benefit from infrastructure advantages here, without incurring additional costs.

The Medialine WAN Backbone offers significant advantages through its connection to the world's largest internet exchange, DECIX in Frankfurt am Main. Multiple 10G peerings to various locations ensure highly efficient and fail-safe connections with the lowest possible latency. As a result, Microsoft services such as Azure Peering, which involve additional costs, become obsolete for Medialine customers.

Microsoft services are increasingly in demand in many companies

more and more business-critical workloads are being moved to the Azure cloud. Availability, connectivity, and performance are crucial elements to ensure smooth daily workload operations. To give customers the ability to prioritize their connections, Microsoft offers a special service: the Microsoft Azure Peering Service (MAPS). This establishes a direct connection between the provider and the customer via a private and dedicated network path. The service supports both IPv4 and IPv6. This does not take the detour through the public infrastructure of the internet and therefore offers higher performance, lower latency, and higher security. However, this results in additional costs.

Your benefits at a glance:

- Highly performant and reliable connection
- Based on EthernetConnect 2.0 and MPLS with guaranteed bandwidths and latencies
- Highest security standards

Benefit from the Medialine infrastructure - without additional costs

Customers of Medialine can save this financial extra expense and benefit from our excellent infrastructure. The Medialine WAN backbone (AS205614) has multiple direct 10G peerings to Microsoft's global anycast network (AS8075) at various locations!

In the USA, due to large distances, local breakouts with xDSL connections and SD-WAN approaches are the preferred option. This design cannot be fully transferred to the German market, however. This is because the main node is located in Frankfurt: the only German Azure region (with a backup in Berlin). Therefore, all connections for services from the German region come together in this metropolitan area in the Rhine-Main region. In addition, the world's largest internet node, DE-CIX, is located here.

Thanks to the direct and private peering from Medialine to Microsoft, a highly performant and fail-safe connection with the lowest possible latency in all directions is guaranteed. In addition, there are massive benefits due to the optimal geographical location:

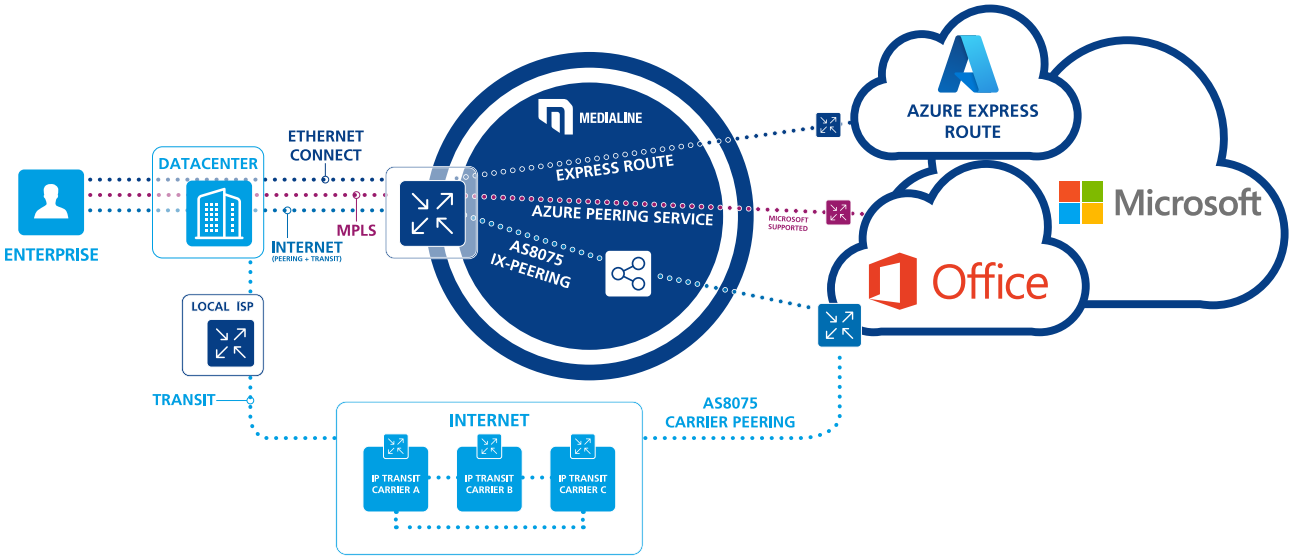
Because of the short distances between the Microsoft infrastructure and the Medialine network connection, there is a clear advantage in terms of connectivity. Furthermore, high-quality lines based on EthernetConnect 2.0 and Multiprotocol Label Switching (MPLS) ensure a continuous, high-quality connection all the way into the Microsoft network.

Cloud workloads at record speed

Through the combination of optimal physical and digital infrastructure, Medialine enables you to take your network connectivity to Microsoft Public Cloud Services to the next level. With the Medialine DataPort, stuttering connections and long wait times are a thing of the past. . If there are particularly high requirements, ExpressRoute connections can also be set up. Connections to other cloud providers are also improved through the DataPort.

We help you to handle your workloads in the shortest possible time with high-performance and fail-safe connections. For a cloud that ensures priority through the fastest possible connections, with the highest security standards.

Connecting your sites to the Medialine DataPort



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