✳ Arelion

Internet Access Services

DIA

Secure and stable direct access to the Internet

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As a Tier-1 provider with 65% of global Internet routes directly connected to AS1299, we offer one of the best and the most flexible network solutions in the world

Guaranteed Internet bandwidth and symmetrical speeds

Organizational productivity requires greater use of applications and online tools. Dedicated Internet Access (DIA) - IP Connect will provide you with uncontended bandwidth, which means bandwidth is 100% available for you. Additionally, DIA gives you symmetrical upload and download speeds. Your allocated
bandwidth is constant and will not slow down, even during peak traffic. This way, networks can improve support for multifaceted operations across the organization.

Reliable and predictable performance

Companies require reliable and secure network connections, and you can depend on DIA as a consistently high performing service. Our enterprise grade service level agreement (SLA) is intended to support and give peace-of-mind to an always-on business. DIA is available globally for both on-net and off-net customers. For off-net customers, we offer a service extension, Arelion On-Prem, enabling us to run services directly from your premises.

There will be no third-party interference controlling service functions; this allows us to deploy additional security features to keep your business operating.

Internet access for more advanced services

Arelion DIA is a service providing worldwide IP connectivity on a carrier grade network to any company without their own Internet resources. The service offers worldwide connectivity through the Arelion global IP backbone network. Each DIA customer is provided with route announcements or a static route which provides access to all networks interconnected with our Internet backbone, AS1299. In short, Arelion provides dedicated access to all destinations on the Internet without the need for an AS number, IP addresses or having to manage a potentially complex BGP routing environment.

On top of that, we offer some additional service features such as DNS and domain registration.

Benefits in brief

Guaranteed bandwidth
Uncontended bandwidth, 100% dedicated for you. We offer you the flexibility to rapidly increase your available bandwidth

Symmetrical speeds
Continuously symmetrical upload and download capacity

Guaranteed access
Carrier-grade, credit backed SLA. High performance service standards to support always-on operations

Flexible billing options
We offer different charging options based on your needs

Resilient and redundant routes
Our highly connected network and advanced routing environment enable the lowest possible latency and high level of resiliency and redundancy

DDoS protection
The additional peace of mind that is offered by our DDoS protection product meshes with our network stability and capacity to give ultimate solution security

Did you know?

Our customers are the world's largest network operators, cloud and content providers, as well as enterprises that rely on business-critical connectivity.
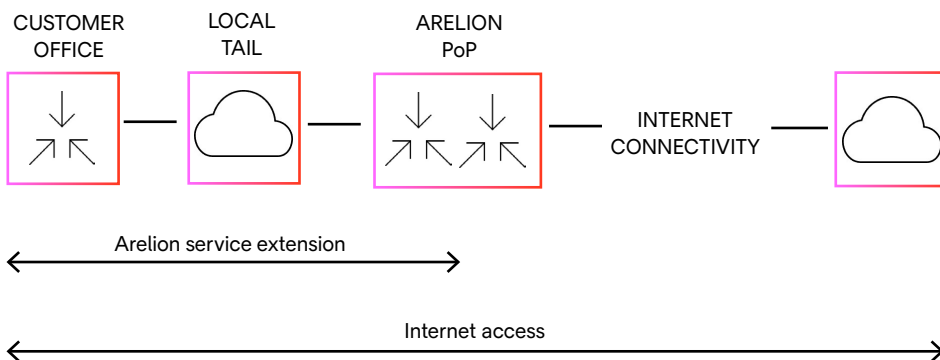
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DIA

Technical highlights

Features	Internet services
Network coverage	Global coverage with > 350 PoPs
Port types	Ethernet: 100Mbps, 1 Gbps, 10 Gbps, 40 Gbps**, 100Gbps and 400GbE**
PA IP addresses	IPv4 & IPv6
Performance SLAs	Credit backed: Availability (99.999% IP backbone), round trip delay and packet loss
Customer support	24x7x365
Billing models	Multi-port aggregation, flat rate & burstable
Security features	DDoS protection*
Reports and information	Secured customer portal

* Additional charges apply
** Available on limited locations. Please request further information from Arelion Sales

Service implementation

CUSTOMER OFFICE — LOCAL TAIL — ARELION PoP — INTERNET CONNECTIVITY —

Arelion service extension

Internet access

Use cases

Continuous Deployment
DIA is ideal for infrastructure and DevOps teams who depend on stable and reliable Internet access to manage continuous integration and deployment — helping them to handle CI/CD pipelines and deliver faster rollouts and updates.

Improve application user experience
DIA provides consistent and scalable Internet connectivity for networks with high volumes of SaaS application traffic.

WAN transformation
Many organizations use DIA as an opportunity to shift away from private MPLS contracts and rearchitect their WAN for cloud-scale connectivity and better use of the Internet.

Resilient Internet for the wholesale segment
Secure Internet access / IP connectivity to Internet Service Providers based on the world's bestInternet backbone.