Ethernet

Connecting to Tomorrow's Clouds and Applications with Flexible Global Ethernet

Globally, with the rise of AI, Cloud computing, new trading patterns & platforms and software defined networking, straightforward, ubiquitous Ethernet connectivity offers performance, flexibility and cost-efficiencies like no other network technology.

Not only is Ethernet simple to manage - enabling enterprises to rationalise their LAN - WAN environments, but it is the perfect solution to connect to high performance Cloud infrastructures, application workloads and Cloud content. Because Ethernet is delivered as "layer 2" connectivity, network boundaries are simplified enabling rapid and flexible service provisioning.

FLAG offers two distinct flavours of Ethernet to serve diverse customer requirements.
For customers requiring defined routes on our privately-owned and operated global fibre-optic network, FLAG provides our Ethernet Private Line service. Delivered as point-to-point ("EPL") or point-to-multipoint ("EP-Tree") connections in protected and unprotected configurations at speeds from 100Mbps up to 100Gbps, Ethernet Private Line combines traditional dedicated connectivity between locations with predefined routing, latency predictability and protocol transparency with the cost-effectiveness of Ethernet.

Alternatively for customers wanting to fully exploit the inherent flexibility, scalability, security and simplicity of Ethernet, FLAG offers Global Ethernet. Based on EoMPLS this service supports up to 3 CoS classes of service with point-to- point, point-to-multipoint and multi-point VPLS configurations and variations. Bandwidth is available in increments of 100 Mbps up to 100 Gbps, and billing can be provided as either flat-rate or usage-based. FLAG offers services covering the delivery, installation and maintenance of Network Interface Devices as well as end-to-end performance monitoring with visibility available through our online portal. Global Ethernet provides the ultimate combination of control, flexibility, performance and connectivity at an affordable price.

Service Highlights

- Connectivity in more than 90 countries around the world.
- Delivery over one of the world's most advanced and most extensive global fibre-optic networks ensuring we have operational control of every network element removes complicated operational chains with the benefit of quicker delivery and faster operational fix times.
- Customer Site extensions globally available via an extensive network of local access partners.
- Highly secure Ethernet service built one of the world's largest privately global MPLS/ IP networks.
- Point-to-point or hub & spoke connectivity with 3 Classes of Service (CoS) offering performance guarantees.
- Options for:
  - EPL Unprotected (single path)
  - EPL Protected Premium (dual, diverse paths
  - EPL Plus (dual paths with traffic split) with defined routing available
- Bandwidth scalability from 1Mbps up to 10 Gbps.
- Flat rate and Usage-Based Billing options.
- Service monitoring, providing additional customer suite of customer statistics.
- 24x7 helpdesk and Online portal for real-time performance management and reporting.

Service Features

- **Agility:**
  Faster delivery timelines through robust process architecture facilitating on-net deliveries in as little as 5 - 10 working days
- **Flexibility:**
  Bandwidth upgrades up to 100 Gbps, usage as well as flat-rate billing
- **Service Continuity:**
  Bandwidth upgrades can be delivered without service disruption
- **Service Assurance:**
  SLAs covering site Availability, Round Trip Delay (RTD), Packet Loss and Jitter

Why FLAG?

FLAG is different. It's state-of-the-art global fibre network connects most of the world's major business centres and Internet Exchange Points as well as reaching deep into emerging markets such as Asia and the Middle East. Yet unlike other global network operators FLAG owns its own network down to the fibre under the oceans, meaning it remains in total control of the infrastructure; control to make changes and upgrades, add new cables and PoPs, even upgrade core capacity throughout the entire subsea cable system.

So whether you are a manufacturer deploying Cloud-based applications to a new market in a matter of minutes courtesy of FLAG's integrated Cloud and Global Ethernet platform, or a software company running latency-sensitive applications between developers in Asia, and business analysts in North America, Global Ethernet from FLAG gives you security, simplicity, flexibility and performance regardless of distance or geography.