Vodafone IP Transit

We deliver IP Transit for ISPs and mobile operators over our wholly owned global IP network – one of the most reliable and free-flowing internet backbones in the world.

The connectivity you need

Optimised for high speed, low latency internet connectivity, our core network carries over 12Tbps of customer traffic at any one time, with over 16Tbps peering capability and a total international transport capacity of 28Tbps.

This ensures the capacity you need to be an effective, profitable Carrier, and allows content providers to access millions of people directly.

You can connect through an access port at a designated meet-me location. We can also supply last mile access circuits, subject to location. Access port bandwidths typically range from 1Gbps to 100Gbps Ethernet speeds, which can be ordered at full rate, or rate limited to a lower bandwidth than the port will support.

There’s a choice of payment options: a fixed rental for committed bandwidth each month or a monthly rental for lower bandwidth, plus a charge for any burstable bandwidth, billed on a 95th percentile basis.

International internet bandwidth and traffic is growing at 37% compound annually.

Source: TeleGeography Bandwidth forecast Q1 2016
Key features

Backbone
- 96 core PoPs across Europe, US, MEA and Asia
- Handling 12Tbps of customer traffic
- Total international transport capacity of 28Tbps

Peering
- Direct peering with major backbones and content providers
- Approximately 16Tbps of Private Network Interconnections (PNI)
- Member of 23 exchanges globally

SLA and reporting
- Round Trip Delay (RTD) SLA including rebates
- Looking Glass management application and portal
- Strong Border Gateway Protocol (BGP) community support

Architecture
- Based on Juniper carrier class architecture
- Strong resilience and capacity upgrade policies

Features

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<tr>
<th>Features</th>
<th>Benefits</th>
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<td>Speed and reliability</td>
<td>With 96 Points of Presence extending across 24 countries, our backbone provides high capacity connectivity, with assured quality of service between Asia, Europe, Middle East, Africa and the US. Each country is connected with at least two PoPs, with diverse routes into our IP backbone which sits on a fully meshed optical core.</td>
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<td>Easy management</td>
<td>Our Looking Glass network performance and insight application gives you the flexibility to control your own routing, review your service performance online and test internet connectivity from our backbone nodes.</td>
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<td>Competitive pricing</td>
<td>Benefit from comprehensive service levels, flexible pricing structures and global discount schemes.</td>
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Why Vodafone Carrier Services?

- **Extensive global connectivity** – our global IP Backbone (AS1273) is connected to major internet backbones and content distribution networks. It carries 12Tbps of customer traffic at any time, with a total capacity of 28Tbps. This makes us one of the Top Tier 1 IP network providers worldwide.

- **Innovation and expertise** – our IP backbone was one of the first to support IPv6 addressing, Distributed Denial of Service (DDoS) protection and Multicast traffic. By using solutions such as dual stack, we can provide seamless transition from IPv4 to IPv6.

- **Excellent service experience** – our customers benefit from sub 28-day delivery times and 24/7 incident management support. We proactively monitor our IP backbone for critical events and operate a stringent capacity planning procedure.

Next steps

To discover more about how Vodafone IP Transit can grow your business and extend your reach, please contact your Account Manager or get in touch at: carrierservices@vodafone.com

For more information, please visit: www.vodafone.com/business/carrier-services