

 **Connect**

# Wholesale Solutions



 **24Seven**

Connectivity without compromise

# IP Transit

## Enterprise level service everywhere in Europe

At M24Seven, our fastest growing network, capability and geographical coverage in the UK and Europe allows us to operate with no congestion or traffic shaping. M24Seven gives you the possibility to offer tailormade connectivity to your customers, while keeping the highest level of resilience, cost-effective internet services and interconnectivity with the world's largest IXPs.

### Global BGP IP Transit

### Partial BGP IP Transit

### Tier 1 BGP IP Transit

M24Seven BGP IP Transit solutions will allow ISPs, content and application providers and operators, to offer their customers the highest capacity and low latency internet connectivity. Benefitting from scalable solutions, efficient and flexible internet traffic management and flexible broadband.

### Features:

- We can provide direct BGP session with almost all major Tier 1 carriers in the world (Cogent, NTT, GTT, Level3, Telecom Italia, Telia)
- We are connected with the most important IXPs in Europe (DE-CIX, AMS-IX, LINX, LONAP, Equinix IX, VIX, NL-IX, Swiss-IX, Peering.CZ, Interlan, RoNIX, BalkanIX, BiX, NetIX)
- We have many private peerings with major ISPs around Europe (HE, DTAG, OTE, Liberty Global, Interoute, Cable&Wireless, Etisalat, Facebook, TDC, Telenor, Zayo, Jazztel/Orange Spain, EE, British Telecom, Sky, Telin, Bezeqint, Telstra, Pacnet, CPRM, Retn, OVH, Talk Talk, Virgin Media, GlobalCloudXchange, etc)
- We are very flexible, we can provide both Partial Transit (mix of PNI and IXPs), or Full Transit
- All our network is dual stack IPv4 and IPv6, all our peerings are configured with both IPv4 and IPv6
- Because of our huge traffic, we can provide very low cost solutions

### Benefits:

- Possibility to lower costs using Partial Transit
- Because we have so many PNIs, IXPs and Tier 1 connections, we can make sure every path is optimised for best latency
- Our NOC is very flexible, we work with our customers to improve the experience

## Global BGP IP Transit

Global BGP IP Transit is available either statically routed or as a dynamic BGP feed. This is a Tier 2 IP transit service mix, consisting of approximately 70% direct peer routes with the remaining 30% made up of routes from carefully selected and monitored Tier 1 global carriers.

### Benefits:

- Available in capacities of 10Mbps to Nx10Gbps
- Can be delivered at all of our on-net data centre locations
- The most cost effective solution in the industry

## Partial BGP IP Transit

Partial BGP IP Transit provides a BGP table covering around 70-80% of all European routes, and also destinations further afield. These routes are essentially the prefixes we exchange as part of our public and private peering activities in Bucharest, London, Manchester, Amsterdam, Paris, Frankfurt, Brussels, Prague, Budapest, Vienna, Zurich and Sofia. Traffic is carried end-to-end over our dedicated 1Tbits network, resulting in blisteringly fast performance and unsurpassed levels of reliability.

This is a highly efficient connectivity service providing low-latency and low-cost routes to a large number of destinations on the internet. This service alone will not provide full global internet connectivity - it is intended to complement a separate BGP global connectivity service (either from ourselves or another operator).

### Benefits:

- Very significant IP Transit cost savings
- Increased connectivity resiliency
- Improved route latency

## Tier 1 BGP IP Transit

Tier 1 BGP IP Transit is a direct BGP session with the carrier and the access available either via M24Seven layer-2 interconnect or often direct layer-1 access to the carrier's network.

Our massive scale and buying power allows us to offer the best rates in the industry. We always welcome the opportunity to beat a competitor's genuine quote, so please don't hesitate to contact us for the best possible pricing.

This service is available in capacities of 10Mbps to Nx10Gbps and can be delivered at all of our on-net datacentre locations and often also at off-net sites (please contact us for off-net availability).

# Datacentre Backhaul

## Enterprise level service everywhere in Europe

MPLS Ethernet Backhaul circuits for point-to-point backbone connections between two on-net datacentres. These datacentres could be in the same city (metro Ethernet) or located thousands of miles apart, in two different countries (long-haul Ethernet).

This service is generally deployed as an 'MPLS Pseudowire', with an easy-to-deal-with layer 2 Ethernet interface presentation. The service has full 'q-in-q' VLAN tagging support and can be visualised simply as one long Ethernet cable end to end. Route protection over our multiple backbone routes is included 'as standard', resulting in a highly reliable service and generous SLA terms.

### Features:

- Our network is built on highly redundant, 10/100Gbps links
- We always use 100% diverse paths for our network to ensure highest uptime possible
- Almost all our PoPs have at least 2 routers
- All our network is MPLS capable, and our engineers will select the best path available for the customer, in terms of latency and capacity

### Benefits:

- Locations: we are present in many Europe datacentres, so we can provide services virtually everywhere in Europe
- Flexible bandwidth: we can provide MPLS connections from 10Mbps to 100Gbps+
- Transparency: we can provide fully transparent layer2 backhaul between locations
- High MTU we can go up to 9,000+ MTU on all our backbone



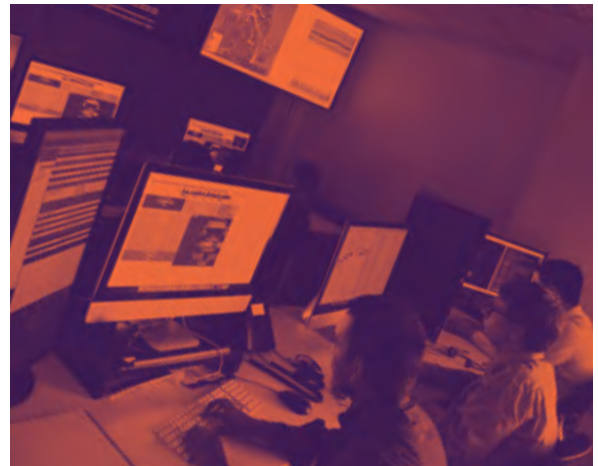
# IXP

## Participant at all primary European IXPs

M24Seven is a major participant at all the primary European Internet Exchange Points (IXPs) and are approved to offer remote layer 2 access to this critical infrastructure.

We offer MORE reliable exchange of traffic, a highly available switching platform, as well as increased routing control and improved performance. Members of our IXP networks have access to direct routes from a large number of diverse international peering partners.

With capabilities underpinning hundreds of interconnected networks through our internet exchange platforms, we offer fast and cost-effective internet service and professional IP exchange services to wholesale buyers and their business customers.



### Features:

- Connected with the most important IXPs in Europe (DE-CIX, AMS-IX, LINX, LONAP, Equinix IX, VIX, NL-IX, Swiss-IX, Peering.CZ, Interlan, RoNIX, BalkanIX, BiX, NetIX)
- Our network is built on redundant, 10/100Gbps links, providing high bandwidth and service stability
- We are present in in over 35 datacentres in Europe, so we can provide this service anywhere it is needed

### Benefits:

- Possibility to lower costs using IXP instead of Transit providers
- Single point of contact, we will manage both the transport between the customer and the IXP, and the IXP port
- Possibility to lower latency and internet speeds by using direct connections
- Doing direct BGP sessions with IXP Members will allow your network to be seen better in the internet