JT Internet Backbone

Product Description

JT's Internet Backbone service is a highly resilient and uncontended internet access service. Via connectivity to Tier 1 peering and transit providers and transported through JT's resilient IP Core, it delivers reliable, low latency, high availability Internet access anywhere in the Channel Islands.

This provides an attractive alternative to buying wholesale Internet bandwidth from UK operators, preventing the need for a leased line to a provider outside of the Channel Islands.

Service offerings

Internet Backbone services are available with bandwidth between 2 Mbit/s to 1 Gbit/s. The services' bandwidth may be varied at any time within the contract period with a minimum of 30 days' notice. JT will be pleased to discuss other technical options with customers though the application of any changes will be subject to quotation.

Customers that require the ability to occasionally flex their bandwidth can opt for a burstable Internet service. The customer is charged a set monthly fee for their committed bandwidth but can burst to an agreed maximum threshold as and when required. Any additional usage above the committed rate is calculated at the 95th percentile and charged per Mbit/s.

Technical Specification

JT's Internet Backbone services can be provided using either a private circuit, where the customer requires IP directly to their premise, or via a 100Mbit/s or 1Gbit/s port, where the services is required in one of JT's dedicated hosting facilities.

The circuit is provided digitally from end-to-end and is terminated at the customer premises on a digital network terminating unit (NTU). The method of provision for the private circuit bearer will be subject to survey at the time of ordering. A router at the customer's premises with 10 Base T / RJ45 interface is the minimum requirement to allow termination of the leased line Internet connection; JT will normally lease the customer a Cisco router for this purpose. A server with any Operating System supporting TCP/IP may be used in conjunction with the router.

Security

JT's Internet Backbone service is a 'transit' ISP service meaning that no filtering or other activities take place that would prevent any data from passing through this service. As such, JT do not take responsibility for screening news or data etc. that transits its network. Security checking, virus checking, data encryption, censorship or policing of content is not undertaken by JT.

Customers are therefore advised to ensure that adequate measures are deployed at the point of connection to their network or equipment to satisfy their own security requirements is in place. It is strongly recommended that the use of a firewall is considered, and that data is encrypted to a standard that is sufficiently resilient for transmission over a public network.

JT reserves the right to disconnect customers if abuse of that customer's connection to the Internet Backbone service is detected. Typical abuse would be deemed as any attempts to hack the systems of JT or one of its customers. This includes port scanning and repeated attempts to gain Telnet or FTP access to unauthorised equipment.

Network Addresses

An Internet Backbone service is provided with both public link and public host addresses as required. Public IP addresses are required for allocation to individual Internet hosts such as mail servers, proxy servers, Web hosts and any other Public IP facing service.

JT can assign up to 64 IP addresses from its own allocation to meet immediate customer requirements but can only do so after receipt of a correctly completed RIPE request form. JT can facilitate a larger allocation of Public IP addresses if required. This will require the approval by RIPE via submission of a RIPE request form.

To find out more contact us at:

T **Jersey:** +44 (0) 1534 882 345
E   business.solutions@jtglobal.com
W www.jtglobal.com/business

JT Group Limited   @JT_Business