NETWORK EDGE

INTERNET FOR BUSINESS

HOW IMPORTANT IS INTERNET ACCESS FOR YOUR ORGANISATION?

Our Internet gateways have been designed for high availability. With Network Edge, you chose your bandwidth and how resilient you want your Internet access to be. We do the rest.

No organisation can operate today without secure, reliable and fast Internet access. In fact, an Internet outage for more than a few minutes can severely impact the productivity and financial performance of many businesses.

At Network Edge we have designed, implemented and operate multi-layered Internet gateways that are much more than simple connectivity.

Internet Providers

- We connect our gateways to multiple wholesale Internet providers
- Our providers are chosen on the basis of maximum diversity, i.e. the failure of one provider is very unlikely to be replicated with our other providers
- We support up to 10Gbps of Internet bandwidth per customer

Perimeter IDS/IPS

- We connect our wholesale providers to very high-performance IDS/IPS appliances that shape and filter Internet traffic before it passes to the customer firewall
- IDS (Intrusion Detection System) and IPS (Intrusion Prevention System) monitor all Internet traffic, and inspect and scan for suspicious data
    - Intrusion Detection provides us with early warning of potential attacks, but does not block them
    - Intrusion Prevention inspects attack data and takes action by blocking an attack before it can cause damage

High Availability

Internet providers and IDS/IPS appliances are provisioned at multiple Data Centres to support a range of availability options, including:

- One Data Centre, single provider and single IDS/IPS connected to customer firewall, i.e. no resilience
- One Data Centre, multiple providers and single IDS/IPS connected to customer firewall, i.e. Internet resilience only
- Multiple Data Centre, multiple providers and auto-failover IDS/IPS connected to customer firewall, i.e. full Internet HA including automatic recovery from Data Centre outage