

# 8el Private DSL

SECURE, COST EFFECTIVE DSL SERVICES FOR UK BUSINESSES

As businesses become more dispersed, the demand for rapid, cost efficient and secure data connectivity from remote locations has risen dramatically.

8el's fully managed, private DSL service offers secure connectivity between small or home offices (SOHO) and a central location.

## Private WAN DSL solutions

Digital Subscriber Line (DSL) technology allows data to be sent across a copper (or analogue) circuit that would traditionally only be used for telephony. 8el delivers a flexible range of DSL services to enable them to supply UK businesses with their required bandwidth. 8el's DSL services include ADSL, ADSL 2+, ADSL MAX and SDSL.

By utilising DSL technology, a dedicated private circuit is established, delivering fast, secure and quality data transit for a fraction of the cost of running traditional leased line connections.

Additionally, 8el provide connections with assured backhauls that are ideal DSL technologies for supporting VoIP from a small or home office

back to the 8el's IP Centrex platform.

8el DSL is delivered over a private infrastructure, reducing the cost and management overhead of configuring a public VPN solution with a firewall. Access to the Internet can be provided via a centralised gateway located within the 8el core.

ADSL is a suitable technology for applications not reliant on low latency (sub 20 ms). The bandwidth characteristics make ADSL connections suitable for specific traffic patterns where upload is not critical but the focus is more on download. ADSL circuits are well suited for thin client environments and short, bursty data flows. Real time applications are supported across ADSL circuits with an assured bandwidth providing a suitable mechanism for VoIP.

Traditional methods for connecting small offices has been with Virtual Private Networks (VPNs) over the public Internet with the use of a security protocol like IPSec. Whilst this provides a private, secure, connection at an IP Layer, there are several advantages to connecting these same offices over a private ADSL circuit from 8el;

- ▶ Determined traffic routing patterns
- ▶ Predictable latency
- ▶ Reduced TCO for VPN termination equipment



