



SotaConnect SDSL

SotaConnect SDSL is a very low cost, high performance, Internet connection equivalent to leased line access, such as SotaConnect NetStream. The service provides up to 2Mbps of synchronous bandwidth, but is only available to locations sharing the same BT telephone exchange as the SotaConnect PoP.

SotaConnect SDSL is ideal for businesses requiring superior performance to ADSL, but unable to justify the full cost of leased line connectivity. The service provides very lightly contended Internet bandwidth, but the performance bottleneck of ADSL is eliminated because contention is reduced by at least 50%, and upload bandwidth is increased by up to 800%.

SotaConnect SDSL is the only SDSL service currently available in the Sittingbourne area. It is a unique service provided at a unique price. Although BT SDSL is available elsewhere in the UK, the roll-out is limited and slow, and it is possible that BT SDSL services will never be activated in many areas.

Bandwidth

SotaConnect SDSL provides maximum bandwidth of up to 2Mbps. Internet content is only lightly contended, with a contention ratio of no more than 10:1, so performance is not significantly compromised. However, SotaConnect SDSL is fully synchronous, providing equal upload and download bandwidth at all times, and giving a critical performance boost over ADSL.

Bearer

Synchronous Digital Subscriber Line (SDSL) technology enables a relatively inexpensive subscriber unit to convert ordinary copper telephone cable into the equivalent of a high-speed leased line with fully synchronous bandwidth.

SotaConnect SDSL uses a service available from BT, which provides either one or two pairs of copper between two locations served by the same telephone exchange. The circuit is known as an EPS9 (single pair) or EPS8 (dual pair).

One problem with SDSL technology is that the available bandwidth reduces with distance. However, SotaConnect SDSL combines an EPS8 circuit with loop-bonding technology, providing up to 2Mbps, providing the total distance between the SotaConnect PoP and the customer site via the BT exchange is less than 4 miles.

Installation

SotaConnect SDSL is provided with a SDSL subscriber unit which provides RJ45/Ethernet presentation.

IP Addresses

An IP allocation of 4 or 8 IP addresses is provided with SotaConnect SDSL.



Support

SotaConnect SDSL is provided with high quality technical support. Any technical problems arising from use of the service receive a quick and efficient response from the highly qualified and experienced SotaConnect technical support team. Support incidents which cannot be resolved by telephone, e-mail or fax, may be escalated to an engineer site visit.

Pricing

Pricing comprises a Set-up Fee and Monthly Charge for the SotaConnect SDSL service, plus charges which are directly charged by BT.

SotaConnect SDSL	BT EPS8	Total
Set-up Fee £1,500	£890	£2,390
Monthly £335	£65	£400

About SotaConnect

SotaConnect is a portfolio of best-value voice, data and Internet services, including wide-area infrastructure and business continuity services for small, medium and large enterprises, public sector organisations, and other service providers.

The nerve-centre of SotaConnect is a state-of-the-art data centre located in the Kent countryside just 40 miles from Central London, within a highly secure, ring-fenced research centre. The SotaConnect Data Centre is located at the juncture of two international fibre optic networks, providing the highest level of resilient connectivity and virtually unlimited bandwidth.

The SotaConnect Data Centre is the regional presence of an established, high performance, and technically innovative, national network owned by a £4bn blue chip corporation. It is the first and only Ethernet point-of-presence (POP) in Kent which can provide national Ethernet services at speeds up to one Gigabit per second.

The SotaConnect POP is integrated with a national network of over 70 Ethernet POP's managed by Neos - an established subsidiary of Scottish & Southern Energy Plc. Gigabit Ethernet connectivity to London provides SotaConnect with direct access to some of the world's largest Internet backbones.

SotaConnect compliments a comprehensive portfolio of integration services which have been provided by [Sota Solutions Ltd](#) since 1988.