



SotaConnect Liquid Internet

SotaConnect Liquid Internet is the ultimate in high performance leased line Internet connectivity, providing uncontended, clear bandwidth up to 100Mbps, combined with unrivalled flexibility and scalability. The service is suitable for most locations within a 65km radius of the SotaConnect PoP.

The geographical location of the SotaConnect PoP usually reduces the length of the tail circuit bearer, providing immediate cost savings which can be passed directly to the customer. In most cases, it is uneconomical for other ISP's to compete with SotaConnect Liquid Internet.

For optimum return on investment, SotaConnect Liquid Internet can be combined with other services such as on-net Ethernet connections to other national PoP's, off-site backup, server co-location, disaster recovery, or even voice over IP.

An industry standard service level agreement provides valuable guarantees relating to availability and performance.

Bandwidth

Bandwidth options range from 64Kbps to 2Mbps, rising to 10Mbps, or even 100Mbps, for locations less than 25km from the SotaConnect PoP.

SotaConnect Liquid Internet is contention-free, which means that bandwidth is not shared with other users. Unlike ADSL which has restricted upload bandwidth, SotaConnect Liquid Internet is synchronous, providing equal upload and download bandwidth at all times. These features are critical when hosting e-mail and web servers, or when using an Internet connection to support a VPN infrastructure.

Bearer

SotaConnect Liquid Internet is delivered on a bearer which connects the customer site to the SotaConnect PoP. This bearer is then either fully, or partially, populated with Internet content.

The bearer is usually a leased line SDH circuit, such as BT Megastream, typically delivered on fibre. For most locations within a 25km radius of the SotaConnect PoP, the bearer can be LES circuit providing a 10Mbps Ethernet connection (LES-10) or a 100Mbps Fast Ethernet connection (LES-100).

Internet Content

Internet content can be scaled up or down as required, up to the full capacity of the bearer. This provides convenient flexibility, cost-optimisation, and the potential to use spare bandwidth within the bearer for other services such as on-net connections to other national PoP's, off-site backup, server co-location, disaster recovery, or even voice over IP.



Service Level Agreement

SotaConnect Liquid Internet is provided with an industry standard service level agreement offering 99.9% availability and guaranteed levels of latency and packet loss. Credits may be applied for if the service level guarantee is not met.

Installation

A SotaConnect Liquid Internet connection with a SDH bearer is usually supplied with G703 presentation. A SotaConnect Liquid Internet connection with a LES bearer is presented as RJ45/Ethernet. For either option, a fully managed router is supplied if required.

Back-up SMTP

For customers running in-house mail servers, SotaConnect Liquid Internet is provided with Backup SMTP. If a customer mail server is unavailable, mail can be received and stored on a SotaConnect SMTP gateway, which will attempt to resend for up to 10 working days.

IP Addresses

An IP allocation of 4, 8 or 16 IP addresses is provided with SotaConnect Liquid Internet.

Support

SotaConnect Liquid Internet 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, are automatically escalated to an engineer site visit.

Pricing

Several factors determine the price of SotaConnect Liquid Internet including the type of bearer, the Internet content required, the distance to SotaConnect PoP, and the availability of fibre.

Our unique SotaConnect Pricing Tool instantly calculates installation and annual costs (subject to survey) based on virtually any combination of bearer and Internet content. Please call for an instant quotation. We aim to respond more quickly than any other provider can.



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.