SIP Trunking connectivity with Guaranteed Quality of Service

Most phone systems in the UK are compatible with a technology called Voice over Internet Protocol (VoIP), a technology solution designed to reduce costs whilst enhancing available features. The market leading VoIP technology is SIP- telephone lines (or 'SIP Trunks') which are often supplied as an internet service so that reliability is not business quality; it is a recreational standard- similar to Skype, Vonage and others. Our proven technology at Stripe 21 enables us to provide SIP trunks at the compelling SIP price point with guaranteed ISDN call quality and overall Quality of Service.

Stripe 21 SIP trunks can replace traditional ISDN services with the underlying network guaranteed for Quality of Service. Internet-based SIP trunks may be sufficient for the home-office or micro-business (under 5 users) but for larger or more demanding business-class installations, guaranteed Quality of Service connectivity over a fully managed private network is required.

We understand the importance of maintaining the Quality of Service, Security and Reliability that business customers expect when replacing their ISDN lines. For that reason, our SIP trunk service is delivered to the customer premises (CPE) via two resilient connections. This is a guaranteed access network, which prevents any part of the call traversing the public Internet, resulting in a fully inclusive Service Level Agreement (SLA) engineered into our SIP trunk service. Our SIP Trunks are also delivered with a full management package and 24 hour NOCC monitoring.

Our resilient IP network architecture is the High Availability foundation on which our voice services are built. The unique and innovative design results from continuous systematic network re-engineering for fault reduction over a ten year period. The core network itself is deployed in a High Availability (HA) architecture across mirrored servers hosted in our London Docklands Data Centres. The system supports all of the SIP feature set including transparent number porting, Caller ID and Direct Dial Inwards (DDI), with crystal clear call quality and network resilience as standard.

Facts:

This unique service is delivered over a guaranteed access network so that calls do not cross the public internet. This enhances SLA's and provides extra security.

Stripe 21 was the first Internet Telephony Service Provider (ITSP) to guarantee Quality of Service end-to-end across our entire voice portfolio, with a 99.99% availability Service Level Agreement (SLA).

We routinely achieve savings in excess of 40% on the overall cost of replacing digital ISDN lines with ISDN over IP or SIP, with no loss of Quality, Security and Reliability.

Benefits:

- Guaranteed Quality of Service (QoS)
- Compatible with all major IP Telephone Systems
- Number Porting from all major UK carriers
- Secure Private IP Network
- Available nationally across the UK
- Comprehensive Service Level Agreement
- Scaleable solution across one or many locations
- Low-cost VoIP call tariffs
- Free Installation Options
- Extra Resilience Options
- Call Bundle Options