updata
infrastructure

Updata
SIP Trunking

Premium Voice without the cost

Achieve savings of up to 50% versus PSTN

Updata's SIP Trunking product leverages our Converged IP Services to provide a high quality, flexible and cost effective voice solution. Importantly, we don't sell telephone systems, so we are focused purely on improving your service and saving you money.

Using Updata SIP Trunking to access the Public Switched telephone Network (PSTN) means you no longer have to pay for costly fixed ISDN connections, the cost of which are often not clearly shown on Telco bills. In addition to reducing the need for individual physical bearers to support voice, our SIP Trunking product has been designed for maximum flexibility in meeting the specific needs of the public sector.

Our decade long track record of delivering complex networks for public sector organisations, together with our position on the PSN Connectivity Framework, means that we bring considerable experience to bear on addressing your specific requirement, minimising costs and where appropriate incorporating existing connections and numbering schemes.

For sites not connected to the Updata network, the Updata Fixed Telephony Service (FTS) allows migration while maintaining original features, numbers and capability.

WHY UPDATA?

↗ PSN Direct Network Service Provider (DNSP)

↗ Exceptional customer experience built on unrivalled customer service

↗ Top quality digital voice solution delivering immediate call savings across all sites

↗ Leverage existing bandwidth and achieve savings on ISDN line rental costs

↗ Maintain existing telephone number schemes – all numbers can be ported, and 'local' numbers can be maintained post estate rationalisation

↗ Enhanced ability to communicate efficiently with internal and external stakeholders

↗ Enterprise grade, resilient and future proof voice and data solutions

↗ Facilitate migration from traditional voice services to Unified Communications

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PSN
Public Services Network

KEY BENEFITS

COST SAVINGS

↗ Reduce need for expensive ISDN bearers

↗ Free calls between SIP Trunked sites

↗ Access to competitive national, international and mobile per minute voice rates

↗ Maximise bandwidth usage through blending of voice and data over WAN connection

↗ Revenue share for higher volumes of inbound traffic

SCALABLE AND FLEXIBLE

↗ Supports wide range of PABX deployments

↗ Supports both geographic and non-geographic numbers e.g. 0800, 0845

↗ Reduces operational costs as SIP channels can be added incrementally on a single link

↗ Deploy additional SIP channels to deal with forecasted high demand periods

RELIABILITY

↗ Full inbound and outbound failover

↗ Quality of service, including voice quality, is controlled and guaranteed by SLA

RETURN ON INVESTMENTS

↗ Extend lifecycle of existing PBX investments

↗ IP based network eliminates complexity and associated network management costs

↗ Converged solution allows for consolidation of network elements

SERVICE FEATURES

CONNECTIVITY OPTIONS

↗ Native SIP support for any PBX with a SIP IP interface

↗ For analogue and digital PBXs without a SIP IP interface, Updata can present as ISDN or PSTN services over the IP connection

↗ For PABXs without SIP interfaces, presentation via ISDN or PSTN

↗ Supports both G.711 and G.729 audio data compression standards

FLEXIBLE NUMBERING

↗ Deploy and maintain 'local' numbers without being tied to specific sites

↗ Provide flexible workers with DDI numbers

VOICE FEATURES

↗ Standard business telephony features including:

- DDI – Direct Dialling Inwards

- CLI / CLIP / CLIR – Caller Line Identity / Presentation / Restriction

MIGRATION & BILLING

↗ Project managed migration from existing voice services

↗ Seamless porting of existing number ranges
- All number ranges and extensions can remain unchanged at a site level so no need to amend signage, stationery etc.

↗ Powerful and flexible billing platform provides detailed analysis of call charges and line rentals.

What is a SIP Trunk?

In public switched telephone networks (PSTN), a "trunk" is typically defined as an E1 interconnect consisting of 30 channels of voice and / or data. A SIP Trunk is a grouping of VoIP channels/ports which enables an organisation to scale and interconnect their voice and data whilst achieving lower costs.

To discuss how **SIP Trunking** can assist you achieve your network goals, please contact us by any of the following methods:
Tel: 0845 8350587   **Email:** tellmemore@updata.net   **Twitter:** @updata_psn

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