SAFE Gateway (SBC)

Ask IT managers what their concerns are, while migrating telephony services to VoIP - a common reply will be, 'we're not 100% sure how to integrate with our network' or 'we're not 100% confident everything is set up correctly according to best practices.'

The Secure Access For Enterprise – Gateway or SAFE-Gateway is a customer-site device deployed between a PBX and the WAN circuit connecting to VoIP.co.uk. The SAFE gateway encrypts all communication from the PBX to VoIP.co.uk thus protecting against eaves dropping or unsolicited call recording.

APPLICATION

The SAFE Gateway should be deployed whenever secure voice calls need to be implemented with VoIP.co.uk. (SIP Encrypt)

The SAFE Gateway can also be used as the on-site voice gateway required by some phone systems when SIP Trunking is implemented (for example: Cisco BE3000, BE6000, Call Manager, Avaya Aura).
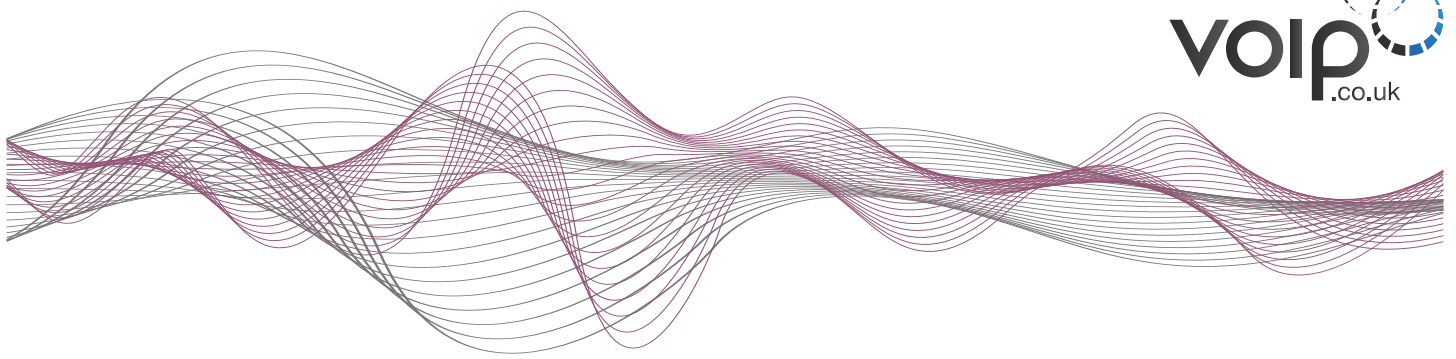
FEATURES & BENEFITS

The SAFE Gateway is a low cost device and very easy to deploy. The SAFE Gateway is typically provided as part of the SIP Encrypt package but may be provided stand-alone as per requirements.

VoIP.co.uk's services are developed and deployed by in-house experts with unrivalled technical know-how reducing the risk of a complicated install.
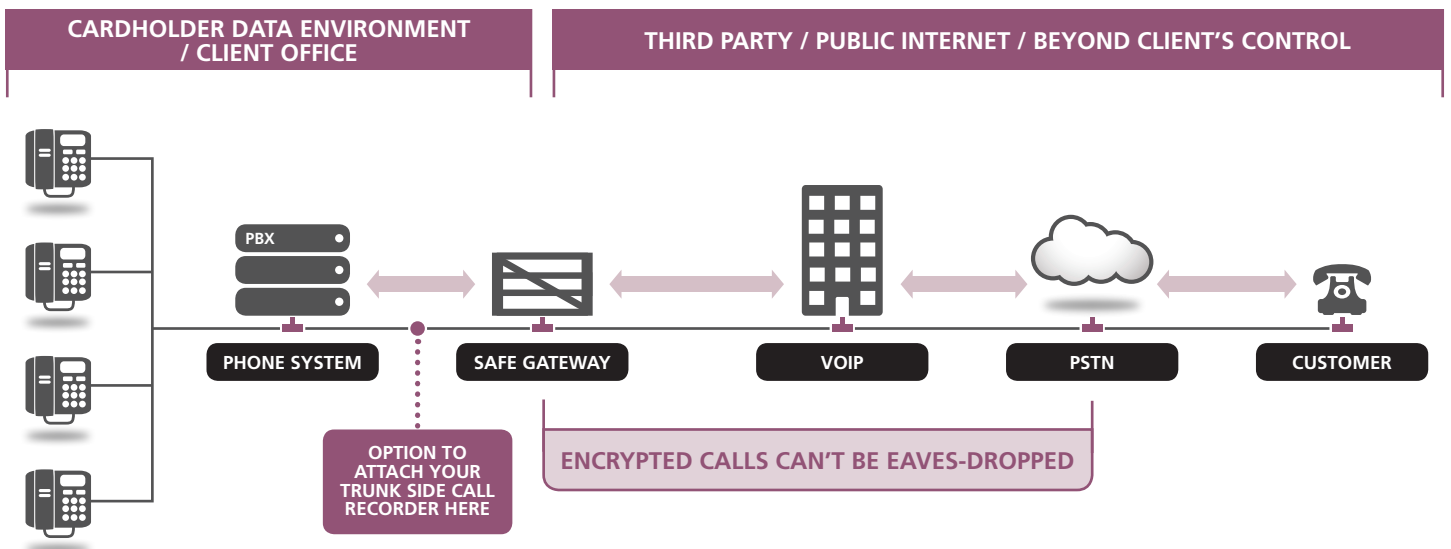
NETWORK HEALTH

VoIP.co.uk's Network Operations team continuously monitor the health of our SAFE Gateways. We provide the highest levels of service assurance. Our monitoring includes regular loopback tests from our NOC to the SAFE-Gateway ensuring quality and availability.

SAFE Gateway (SBC)

HOW THE TYPICAL SAFE GATEWAY (SBC) SYSTEM WORKS

CARDHOLDER DATA ENVIRONMENT / CLIENT OFFICE	THIRD PARTY / PUBLIC INTERNET / BEYOND CLIENT'S CONTROL

PBX

PHONE SYSTEM → SAFE GATEWAY ←→ VOIP ←→ PSTN ←→ CUSTOMER

OPTION TO ATTACH YOUR TRUNK SIDE CALL RECORDER HERE

ENCRYPTED CALLS CAN'T BE EAVES-DROPPED

TECHNICAL SPECIFICATIONS

Our SAFE Gateway is designed to function as a Session Boarder Controller (SBC) and is compatible with every major IP PBX including but not limited to Microsoft Lync, Cisco Call Manager, Cisco BE3000, Avaya Aura, Mitel, Pansonic , Shoretel MR13+ and Asterisk

- Fully SIP (RFC 3261) compliant

- B2BUA Routing with Dialled digit and CLI fixup

- SIP Normalisation / Topology hiding

- SIP Early offer / Delayed offer support

- DNS SRV Support

- T.38 FAX support

- SIP over UDP/TCP with RTP (Inside)

- SIP over TLS with SRTP (Outside)

- 1u Rack mount unit or mini Tower models available