



Fully featured SIP trunks securely routed across our converged services network

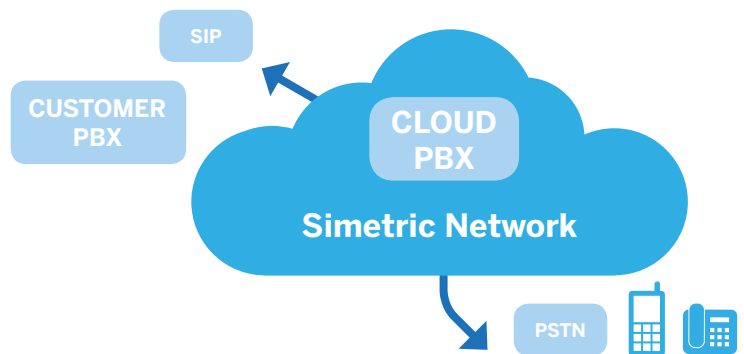
- Inbound routing and number hosting of geographic, non-geographic, mobile and international DDIs, plus resilient outbound PSTN termination at competitive wholesale rates.
- Requires no installation, no on site hardware and no maintenance. Just configure your PBX and go.
- Extend your PBX functionality with SIP overlay features – use your on-site PBX system with SIP Xpress and benefit from additional numbers and features added from our cloud PBX.
- Delivered from the Simetric cloud, in secure data centres using diverse, scalable IP networks to guarantee quality and availability. PSTN peering with multiple carriers for quality and cost routing.
- Free end-point and customer premise network monitoring available from our cloud Nagios system.

SIP Xpress standard features

- Multiple numbers per trunk
- Resilient outbound PSTN
- Choice of millions of inbound numbers

SIP Xpress overlay features


- Hunt groups
- Music on hold
- IVR auto-attendant
- CLI customisation
- Call forward always/busy/unreachable
- Call barring and restrictions
- Time-based divert and messaging
- Voicemail to Email
- Divert and forward calls and messages
- Automatic disaster recovery





Simple charging

Per trunk / channel per month. All features inclusive. Calls charged per second, no minimum

Sip Xpress also works with

 **Mobile-X**
Mobile PBX and FMC

 **Call Recording**
Fixed and mobile

 **Conference Xpress**
Business conferencing

 **Number Forwarding**
Divert and voicemails

SIP Xpress is ideal for

- SIP trunking to an on-site PBX
- SIP PSTN termination
- Inbound numbering with SIP delivery
- ISDN replacement
- PBX to PBX connectivity/convergence
- SIP-based Business Continuity

SIP Xpress compatibility

- Almost any SIP/IP PBX systems: contact us if you are concerned about customisation or interoperability.
- Dedicated hardware PBX with SIP support: Cisco, Avaya, Siemens, Alcatel.
- Software PBX systems: Asterisk, Freeswitch, 3CX, Broadsoft, Genband, Kamailio, and many more.
- Combined business VOIP/PBX routers: Fritzbox, Draytek and many more.
- SBC to SBC transit and termination services for network providers (ask about SIP Connect).



SIP Xpress is fully compatible with Call Recording

- Call Rec Small Business is an instant call-to-email recording service for Simetric Mobile and PBX services that is simple and cost effective.
- Works directly on the network to immediately and automatically record all calls, without user intervention or circumvention.
- Recordings are made by DDI, not user, so are cost effective.
- Recordings are delivered by email to allow users to manage their own archives.
- Record all calls (and SMS for mobile numbers) to and from PSTN.

Technical Data

Voice calls	Inbound to multiple numbers per endpoint.	With CLI as presented.
	Outbound full PSTN termination.	
Numbering	Multiple unlimited numbers per trunk.	Mobile and International numbers subject to availability.
	Geographic, non-geographic UK numbers.	
	Single inclusive DDI per trunk.	
	Additional DDI at standard rental.	
PBX features	Calling line identity (as presented).	[Contact support for additional feature options].
	Call forward always/busy/unreachable.	
	Call barring and restriction policies (black list / white list).	
	Disaster recovery (automatic number re-routing).	
	Out-of-hours divert and messaging.	
Porting	Any UK geographic and non-geographic numbers.	Standard processes, including PAC for mobile.
	Mobile porting to SIP also available.	
Network	SIP Xpress SIP Trunks support many channels, 2 channels inclusive by default.	
	Channels upgradeable to max of 90 per trunk.	
	Maximum concurrent calls defined by number of channels.	
	Maximum 2 call setups / second.	
	TCP (to support NAT and evade SIP ALG) and UDP protocol support.	
	G711a high quality voice codec.	
	SIP to RFC3261.	
	DTMF to RFC2833.	
	Fax support to T38.	
Security	Secure password provisioning.	IP address ACL optional.
	Dial-plans and NCOS to control international dialling.	
	Maximum concurrent calls.	
	Maximum device registrations.	
	Usage capping.	

Security

All Simetric Telecom services are delivered from our resilient voice network that operates in dual secure data centres, with diverse network and carrier interconnect services. We use secure HTTPS for device management (SIP credentials are not revealed), encryption of SIP credentials during call setup and SSL encryption of management and control interfaces. Internally, our network uses concurrency and destination controls designed to reduce fraud exposure, though you remain responsible for all usage. We also have extensive real-time monitoring and alarm visibility across all of our network and services.