



Mobile-X Interconnect is a wholesale mobile infrastructure connectivity service that enables voice and PBX service providers to deliver fixed mobile convergence

- Mobile-X Interconnect gives service providers simple and standards-based SIP interconnect access to the mobile network, using white-labelled Multinet SIMs and a brand-able network.
- The simple and cost-effective wholesale model offers the freedom to control pricing, billing and customer management for mobile services, so service providers gain sticky mobile revenues without operator contracts.
- FMC and mobile PBX services allow providers to differentiate and extend revenues with high value products, such as workforce efficiency, collaboration and unified service in the Enterprise.
- Mobile numbering and porting service complements network interconnect to support flexible inbound and outbound mobile voice services on provider voice and SMS networks.

SIM features

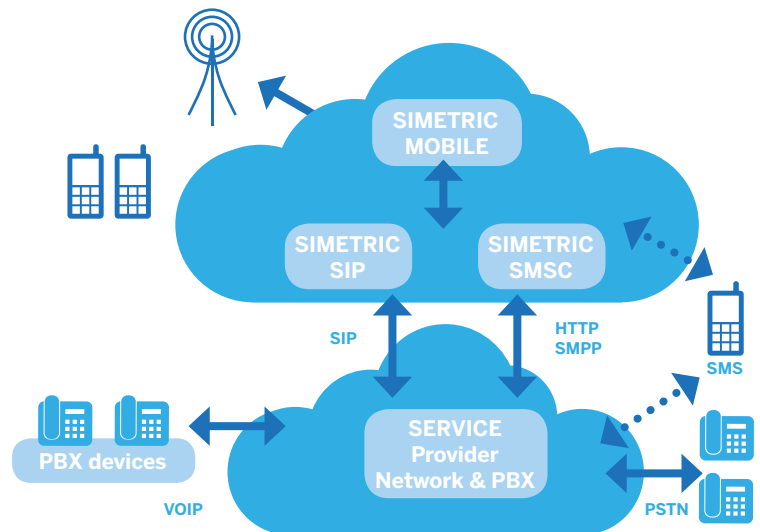
- Multi-format white-label SIMs
- Mobile and geo number porting
- Seamless voice integration
- No app or software required
- Multinet UK and International roaming

Interconnect features

- Standard voice SIP connectivity
- Network branding
- SMS routing and recording
- API access and secure ports

Simple wholesale charging

- Pro-rata per user per month
- Calls charged per second, no minimum
- CDR and SDR data



Mobile-X Interconnect also works with

 **Call Recording**
Fixed and mobile

 **Inbound services**
Connect forward

 **Business Numbers**
Mobile porting

Mobile-X Interconnect is ideal for

- Enterprise mobility and workforce productivity
- Small business find-me-follow-me
- Professional services team working
- Fixed mobile convergence services
- Mobile or roaming teleworkers
- Sites with no or limited internet or copper access
- Temporary, pop-up, retail or construction sites
- DECT phone replacement with mobile coverage

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Simetric Telecom services are subject to the Standard Terms and Conditions of Sale, and to your Reseller Master Services Agreement terms.

Mobile-X Interconnect compatibility



Mobile-X compatibility

All mobile phone handsets, including traditional handsets, smartphones and GSM desk phones. Other format mobile devices, including Smart watches – please check with sales.

Technical Data

SIM AND MOBILE SERVES		
Voice calls	Inbound and outbound calls with DTMF support. Inbound ("MT") to SIM via partner PSTN numbering. Outbound ("MO") from SIM via partner PSTN termination. Full partner routing via SIP interconnect.	Standard GSM calls to G711a codec. Simetric for numbering and PSTN termination as an option.
SMS messaging	Standard format, with multi-part. Inbound and Outbound SMS via Simetric SMSC. Full partner routing via HTTP or SMPP if preferred.	MMS and iMessage not supported. Alphabetic CLI partial support.
Data	Full internet access on SIM. Unbranded APN.	Partner VPN termination, as an option.
Sim format	Standard, micro, nano. All SIMs are white and un-branded.	Devices must be unlocked and not network barred.
NETWORK AND INTERNET ACCESS SERVICES		
Numbering	Normally provided by the partner using own number ranges on partner PBX/network. Geo/non-geo/mobile/International all available.	Simetric for numbering and PSTN termination as an option.
Porting	UK geographic and non-geographic numbers to partner. Mobile porting and mobile numbering.	Subject to standard porting policy.
SIP connect	SIP Connect SIP-based interconnect to SIP RFC3261. Codec support to G711a high quality voice signal DTMF support to RFC2833.	
PBX features	Normally provided by the partner using partner PBX platform.	Mobile-X mobile PBX services or other Simetric voice services such as Conference calling and Call Recording as an option.
Voicemail	Normally provided by the partner.	Voicemail and Voicemail to Email as an option.
Network	Full UK national GSM coverage. Network branding (OTA flash) available to customise network ID displayed on handset (subject to device).	Multinet UK coverage. UK roaming on O2/Vodafone and EE networks. International coverage in 196 countries.
UK roaming	UK roaming available for all multinet SIMs.	O2 Vodafone and EE.
International	International roaming across the EU and globally in 196 countries.	
Provisioning API	HTTP REST based API provides access to all SIM and network operations.	
Billing integration	Full voice, SMS and data CDR and SDR files on a monthly basis for partner billing. Fully normalised and inclusive of roaming call legs.	

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.