

PSTN Replacement Toolkit

The national stop-sell of PSTN services will take place in 2023 and all telephone lines will be switched off in 2025. This will also affect a range of solutions which rely on PSTN lines such as lift lines, monitoring systems, and payment solutions. As Jola runs both its own SIP and Mobile network, we developed a PSTN Replacement Toolkit for partners wanting to help end-users with solutions for a wide range of scenarios.

Jola CPE is available on a 'Device as a Service' rental basis making the switch from PSTN even easier.

SIP Overlay

SIP Overlay is a PSTN replacement service for anyone who needs an Over The Top (OTT) product to deliver traditional phone services, for a single recurring cost. It is a competitively-priced SIP trunking solution designed for SMEs provisioned and managed within our fully automated portal. End users retain their landline number and can use their existing internet connectivity. All connectivity options (Jola or non-Jola, mobile or fixed) can be used with SIP Overlay including MultiNet SIP unlimited tariffs (see section below).

Features

- 2 channels
- Voicemail
- Call recording
- Call forwarding
- DND
- Emergency services access
- Proactive network monitoring

Potential Benefits

- Retain geographic number or order new
- Cost-effective replacement for PSTN
- Works with any fixed line or mobile data connectivity
- SIM options including dedicated SIP tariffs
- Enables multiple concurrent calls
- Integrates with 3rd party provisioning services (e.g. Vantage Cloud)
- Ordered and managed within an automated management portal

Contact Us

For further information
Call us on 0115 822 5000
email sales@jola.co.uk
or visit www.jola.co.uk

SIP Overlay with SIP Unlimited MultiNet Tariffs

For customers that want a PSTN Replacement Solution with a fixed monthly cost, Jola offers MultiNet tariffs that can only be used to deliver the SIP Overlay service. As customers cannot use the SIM card to access the internet or use any other applications, the risk of bill shock is avoided.

The following package means a fixed monthly cost for all standard UK calls.

- Jola router on the DaaS model
- SIP overlay
- SIP unlimited tariff

Features

- MultiNet SIMs can access all 4 UK mobile operators

Potential Benefits

- Fixed monthly cost
- No risk of data overage
- Unlimited calls
- No site survey required – access to all 4 x UK networks

SIP Overlay Hardware Options

Device	Specification	Benefits	Use Cases
Grandstream ATA (Analogue Telephone Adapter)	Multiple models available with different numbers of ports (1, 2, 4, 8, 16, 32 & 48 port options)	<ul style="list-style-type: none"> • DaaS rental or purchase • Automatic provisioning and in-life management 	<ul style="list-style-type: none"> • Single or multi-room deployments • Lift line solutions • Care homes
TP-Link router	4G WAN, wired WAN, 1 FXS port	<ul style="list-style-type: none"> • DaaS rental • 'Single box solution' (inbuilt ATA) • Automatic provisioning and in-life management • Works with all Jola single or MultiNet SIMs 	<ul style="list-style-type: none"> • Business or domestic PSTN single line replacement • Domestic broadband service/replacement
Robustel router	Multiple models including single SIM/dual SIM & 4G/5G	<ul style="list-style-type: none"> • DaaS rental or purchase • Automatic provisioning and in-life management 	<ul style="list-style-type: none"> • Single or multi-room deployments • Lift line solutions • Care homes

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CloudNumber

CloudNumber is a mobile application that allows users to connect to our SIP Overlay service via their mobile phone.

JolaMobile SIMs (including MultiNet SIMs) or non-Jola SIMs can be used with the app.

There are 2 options:



CloudNumber PSTN

A PSTN replacement service where customers do not need an analogue phone or an adapter/router.

Geographic numbers are ported in (or new geographic numbers can be ordered) and the same number can be shared across up to 3 devices.

Using the app with a voice and data SIM card the customer can:

- Make and receive calls using the app/geographic number associated with the app (SIM card data or WiFi).
- Make and receive calls via the SIM card/mobile number of the SIM card.

Features

- 2 channels
- Voicemail
- Call recording
- Call forwarding
- DND
- Emergency services access
- Proactive network monitoring
- Same geographic number on up to 3 devices
- Option of a UK geographic number on a MultiNet SIM
- Contact integration
- Native dialler integration (OS dependent)
- Direct in-app integration

Potential Benefits

- Retain geographic number or order new
- Cost-effective
- Never miss a call
- Mobile device is battery powered so will work during a power outage
- If using a MultiNet SIM not reliant upon a single Mobile Network Operator
- Assign numbers for different customers/parts of the business for both calls
- A mobile phone number and a geographic number both on the same device

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CloudNumber Mobile

Customers using CloudNumber Mobile port across an existing mobile number or purchase a new one. The app gives them a virtual mobile presence allowing them to send and receive SMS, as well as make and receive calls.

Using the app with a voice and data SIM card the customer can:

- Make and receive calls & SMS using the app/mobile number associated with the app (SIM card data or WiFi).
- Make and receive calls & SMS via the SIM card/mobile number of the SIM card.

Features

- 2 channels
- Voicemail
- Call recording
- Call forwarding
- DND
- Emergency services access
- Proactive network monitoring
- Contact integration
- Native dialler integration (OS dependent)
- Direct in-app Integration
- Option of a UK mobile number on a MultiNet SIM
- Bundled calls and SMS packages options

Potential Benefits

- Retain mobile number or order new
- Never miss a call
- Assign numbers for different customers/parts of the business for both calls and SMS
- If using a MultiNet SIM not reliant upon a single Mobile Network Operator
- Cost-effective
- Mobile device is battery powered so will work during a power outage

PSTN services that do not make/receive calls

The PSTN switch off opportunity includes providing solutions for customers that do not use the PSTN to make or receive calls. Broadband connections that are delivered today over the PSTN will need alternative technologies. In many cases the best solution will be a Jola 4G/5G SIM plus router.

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