![Spark nz Wholesale]

SIP
TRUNKING

Reduce the cost of calling for your customers and position them for tomorrow's SIP-based services.

Spark Wholesale's SIP Trunking is a carrier-grade SIP service that supports Voice over IP (VoIP) telephony. It delivers high quality (G711 & G722) non-contended voice service over UFB or HSNS circuits to an on-premise IP-PBX system.

You can enhance your current product offerings by reselling SIP Trunks under your own brand to customers who want to keep their PBX in-house. Alternatively, you can consume the trunks for your own hosted PBX service for those customers who are keen to move to the cloud.

If you're a global carrier, use our SIP Trunks as a local PSTN breakout - connecting to your global network.

24/7 Self Service
Our self-service portal enables you to log faults, enter orders and receive updates 24/7. It also enables you to change settings of individual DDIs and Trunk Group routings.

Superior Voice Quality
Because Spark SIP uses uncompressed codecs and is delivered over a managed data circuit, your customers continue to enjoy ISDN-quality voice.

Local PSTN breakout for global carriers
SIP trunks enable you to extend your global network to connect seamlessly with local NZ PSTN and mobile users. Furthermore, we offer virtual geographic DIDs enabling local calls from these users to be routed anywhere across your global network.

Instant Scale
SIP channels can be readily scaled up or down to cater for changes in demand and call routing.

Lower Costs
SIP channel and calling costs are lower than traditional PSTN access meaning significant lower operating costs for your customers.

Business Continuity
Auto failover diversity and Call Forward Unreachable are perfect for your customer's critical sites that need to be up and running 100% of the time.
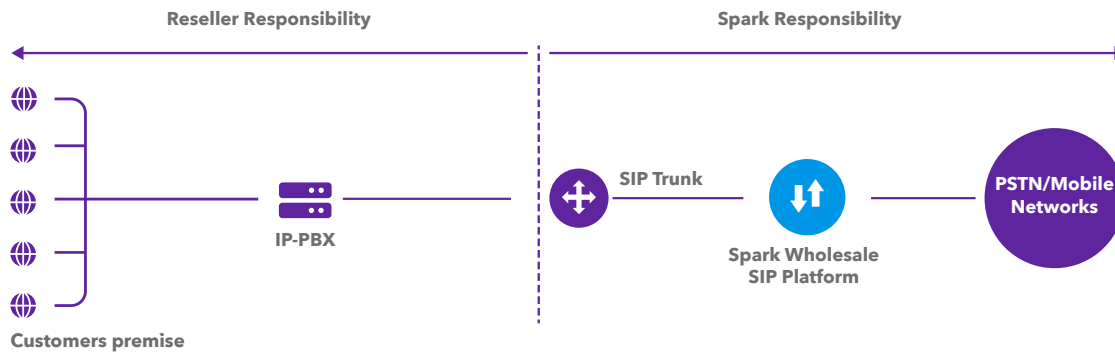
Your Billing Sorted
Spark has partnered with Datagate who will re-rate on your behalf, present the bill on your branded-portal and provide a full array of call analytics.
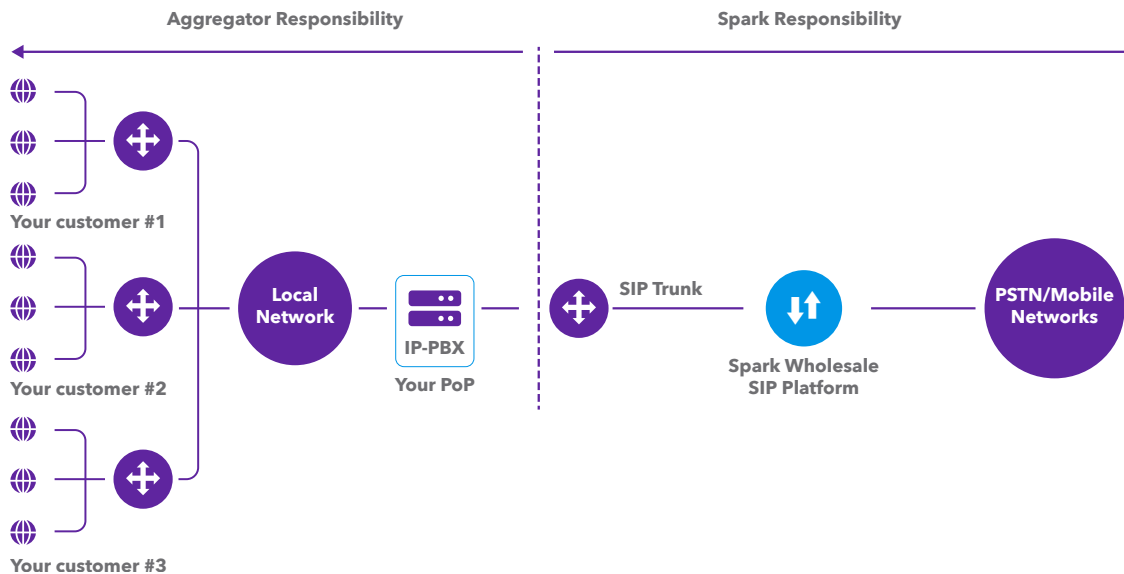
Two Business Model Options

Reseller Model

Spark Wholesale installs the service to the end customer, but charges you and you on-sell to the customer.

Reseller Responsibility ← → Spark Responsibility

IP-PBX

Customers premise

SIP Trunk

Spark Wholesale
SIP Platform

PSTN/Mobile
Networks

Aggregator Model

- You consume SIP trunks from Spark Wholesale and deliver a hosted PBX service to your customers over your own local network.
- As a global carrier, consume our SIP Trunks to extend your global network to connect seamlessly with the local NZ PSTN and mobile users.
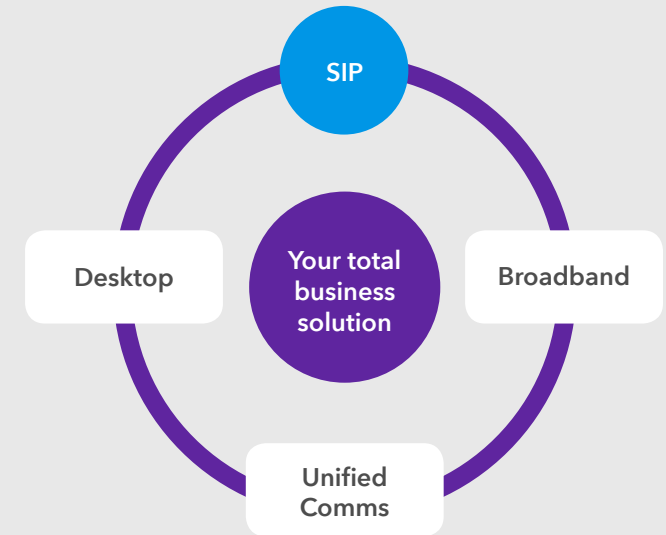
Aggregator Responsibility ← → Spark Responsibility

Your customer #1

Your customer #2

Your customer #3

Local
Network

IP-PBX

Your PoP

SIP Trunk

Spark Wholesale
SIP Platform

PSTN/Mobile
Networks

To find out more information, contact your Spark Wholesale Account Manager or visit:

SPARKWHOLESALE.CO.NZ

Accelerate Growth

By adding SIP to your business solution.

SIP

Desktop

Your total
business
solution

Broadband

Unified
Comms

Key Product Features

ISDN-grade call quality

Highly resilient carrier-grade network with eight points of presence at key locations around NZ

Wide range of access options; HSNS copper & fibre, UFB (Chorus, Enable, UFF & North Power)

Disaster recovery options to safeguard business continuity

Advanced routing options for load sharing and fail over

A-Party Pass Through when call is transferred or forwarded

Multiple Services over a Single Access (MSSA) capability so you can place voice and data on the same access circuit

Over the Top delivery enables voice to be delivered over existing internet connections – perfect for price-sensitive customers or those waiting for fibre to be installed

Extensive range of PBX that have already been PTC'd

Microsoft Lync 2013 certified