Ports IPs and our Network

Mike Johnstone - 2025-07-10 - [PBX, Peering, Ports and IPs](#)

SIP Gateway Configuration and Network Details

Supported Protocols

- UDP (default) - Low latency, 30-second keep-alive

- TCP - Reliable transport, 15-minute keep-alive

- TLS - Encrypted signaling over TCP

- SRTP - Encrypted media streams

Network Connectivity

- Equinix Fabric private connections to tier-one Australian carriers

- BGP routing optimization

- AS Number: AS63971

- Firewall IP Range: 103.55.116.0/24

- SIP Peering IP: 103.55.116.65

Ports IPs and Network Setting

Proxy	call.sipcity.com.au
TCP/TLS Proxy	call.sipcity.com.au port 5061
SIP Peering	103.55.116.65 (or 103.55.116.0/24)
SIP Registration	103.55.116.65 (call.sipcity.com.au)
SIP Port – UDP TLS	5060, 5061 (ensure transport = TLS)
RTP IPs	103.55.116.58, 103.55.116,37, 103.55.116.36, 103.55.116.35
RTP range	30,000 - 40,000 (set by customer equipment)
Supported Codecs	PCMA, PCMU, G729, ILBC, Opus, G722
Unsupported Codecs	AMR, G723
DTMF	RFC2833, RFC4733
Dial String (International)	E164
p-asserted ID	P-Asserted-Identity: <sip: +123456780@103.55.116.65:5060>
Packetization times	20ms

Other Ports

RTP and UDPTL	Set by your router (our port range is 30,000 – 40,000)
t.38 (faxing)	4000-6000
Fax	fax.sipcity.com.au
Primary NTP	au.pool.ntp.org

Network Connectivity via Equinix Fabric

For customers connecting to our services, we leverage Equinix Fabric to establish secure, private virtual connections to multiple tier one Australian carriers. Our BGP routing is configured to optimize path selection across these dedicated connections.