

# Cloud SIP

## Datasheet

### Signalling protocols

- SIP over UDP
- SIP over TCP

### DID availability

- Australia
- New Zealand

### Calling line ID

- Present/hide using RFC3325 Privacy header
- Present/hide using a prefix
- Present any of trunk DIDs (RFC3325)
- Overstamp CLI for any call via SIP trunk

### NAT/firewall traversal

- Automatic NAT traversal for RTP
- Keep-alive packets for idle SIP trunks

### Security

- Only Australian IPs are allowed to connect by default\* (\* - based on Access4 GeoIP database)
- Requires mandatory registration using username and password
- Outgoing calling profiles can be applied to restrict different types of calls

### Codecs supported

- G.711A
- G.711u

### Numbering plan for CLI, CLD

- National dial-plan (i.e. 10 digits for AU geographical numbers, 0011 for international access)

### Redundancy

- SBCs are available for SIP registrations in VIC and QLD (the same user cannot register twice)
- Multiple pilot users provisioning with no additional charge
- Simultaneous registration of different pilot users belonging to the same SIP trunk
- Overflow, load-balancing, least or most idle routing policies are available to distribute calls among registered pilot users
- Route exhaust action to send calls to an external number in case if SIP trunk is unregistered or unreachable (customer site is down)

### Scalability

- Instant upgrade for number of channels through SASBOSS
- Add or remove DID to/from SIP trunk without service interruption
- On-Net routing for UCaaS services

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