



SIP Trunk requirements for Amtelco Genesis January 2023

The Amtelco Genesis server standard SIP trunk requirements are as follows:

*UDP protocol: **Default protocol***

- *Signaling port default: 5060*
(signaling port can be adjusted for both outbound and inbound)
- *RTP port range default: 10,000-20,000*
(RTP port range can be adjusted)

TCP protocol: **Supported not enabled by default**

- Signaling port default: 5060
(signaling port can be adjust for outbound/inbound signaling)

Trunk type support: ***IP Based Authentication (typical):***

- *IP addresses are exchanged for whitelisting (firewalls/routers) and trunk match (trunk configuration)*
- *DNS is supported for outbound address of record entries.*

Registration:

- Registrar server and port must be provided by the carrier.
- Username and password must be provided by the carrier.
- Signaling server IP's must be provided by the carrier for trunk match programming and whitelisting.

Additional items:

- DTMF:** *RFC4733 (default)*, also supported In-band, Info
- Authentication:** If required authentication for outbound dialing supported, username and password to be supplied by carrier
- Refer:** Refer-to and Refer with replaces are supported by Genesis
- Diversion:** Diversion information
(if supplied can be utilized, not enabled by default)
- P-Asserted-Identity:** Can be utilized not enabled by default
- Outbound CallerID:** Genesis supports station level calling party ID
(from field in outbound invite specifies various caller IDs)

Provider information:

- SIP Signaling addresses: _____
- SIP signaling protocol: _____ (UDP default)
- SIP Signaling Port: _____ (5060 default)
- SIP RTP addresses: _____
- SIP DTMF type: _____ (RFC 4733)
- SIP Trunk type: _____ (IP auth/registration)
- SIP Registrar: _____ (If required)
- SIP Username: _____ (If required)
- SIP password: _____ (If required)
- Other notes: _____