

SIP

SIP Proxy Software

Jacques SIP Proxy Software module allows Jacques devices to connect to SIP telephony systems. The interface implements RFC 3261 – Core Session Initiation Protocol to transfer, convert and filter the communication (e.g. calls, streaming media) from the Jacques communication system devices and make it available to third party SIP systems and devices.

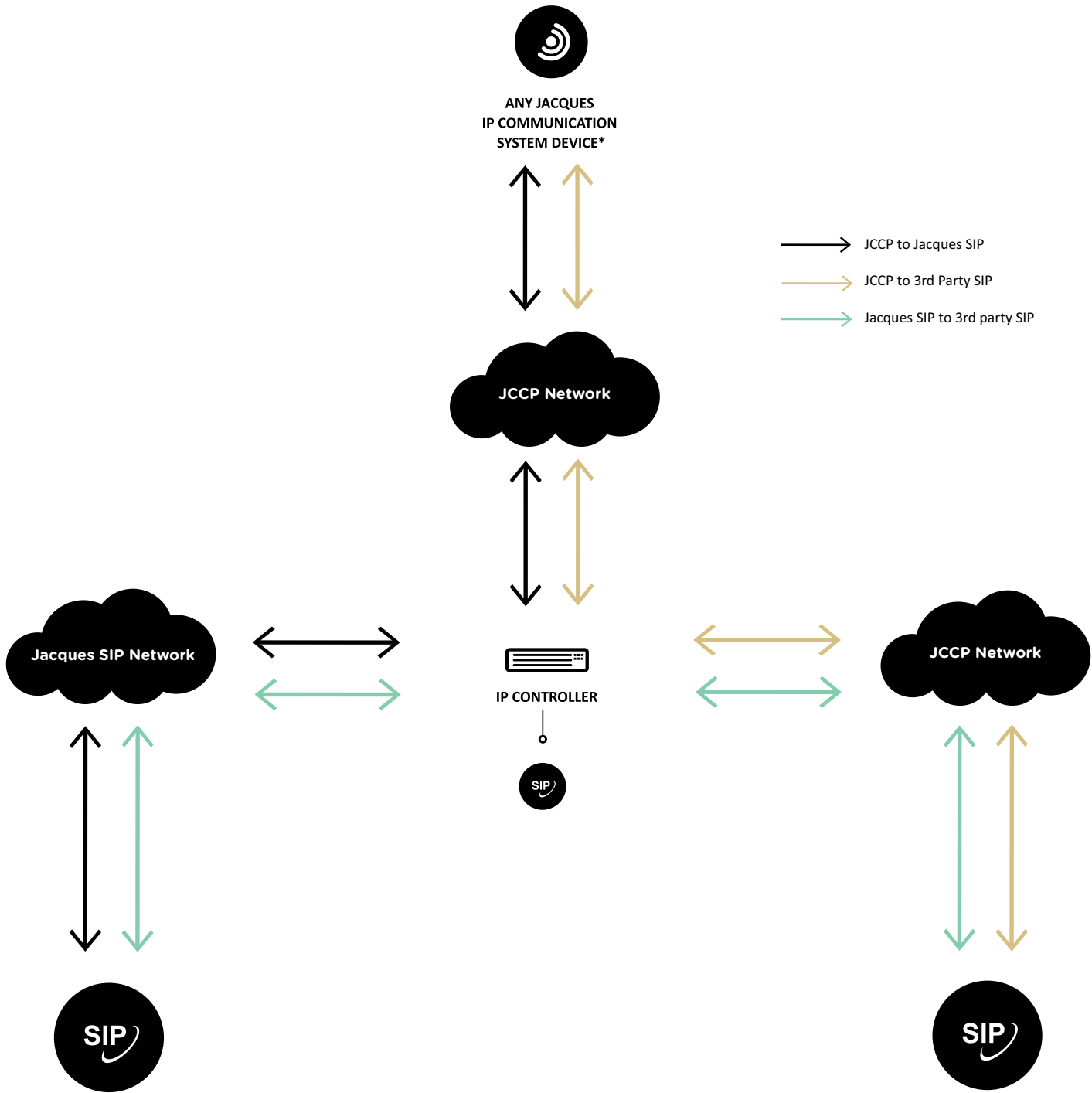
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Features

- Physical and soft SIP devices can be directly registered to the Jacques system without the need of a third party SIP PBX
- A user at a Jacques IP intercom may establish, conduct and terminate an audio call to a SIP telephony device directly connected to the Jacques system running our SIP software or connected via an external SIP server/PBX
- A user at a SIP telephony device either connected directly to the Jacques system running our SIP software or connected via an external SIP server/PBX may establish, conduct and terminate an audio call to Jacques’ IP endpoints
- A SIP IP telephone can initiate the operation of relays onboard Jacques intercoms via DTMF, during a connected call
- Switch Jacques IP master station to night mode whereby calls are diverted to a SIP phone after hours (may also require Jacques Event Controller software)
- Support for bridge calling allowing a Jacques device to dial multiple SIP devices however only allowing one to answer and perform a call
- SIP trunking to external SIP PBX/servers (with or without digest authentication)
- Support for numerical prefix and remote ID details when defining a SIP trunk
- Support codecs G711 U-law and G711 A-law



Jacques SIP Proxy diagram



*Virtually unlimited. Dependent on server configuration and network bandwidth **Multiple controllers available for redundancy or distributed options