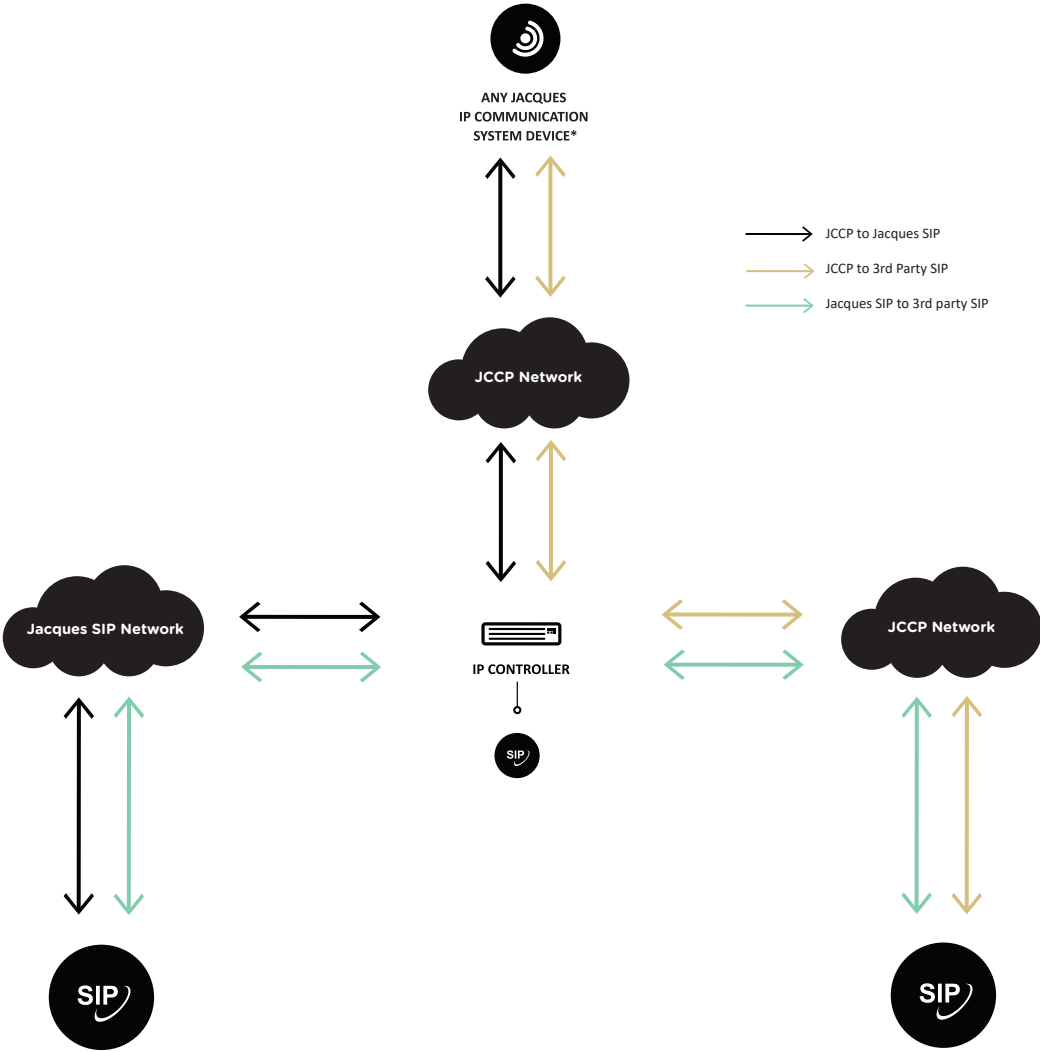## Overview

Jacques SIP Proxy Software module is an intermediate interface loaded onto a Jacques System Controller that allows Jacques intercom devices to connect to SIP compatible phones and PABXs. 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.

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 Diagram

ANY JACQUES
IP COMMUNICATION
SYSTEM DEVICE*

JCCP to Jacques SIP
JCCP to 3rd Party SIP
Jacques SIP to 3rd party SIP

JCCP Network

Jacques SIP Network

IP CONTROLLER

JCCP Network

SIP

SIP

SIP

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