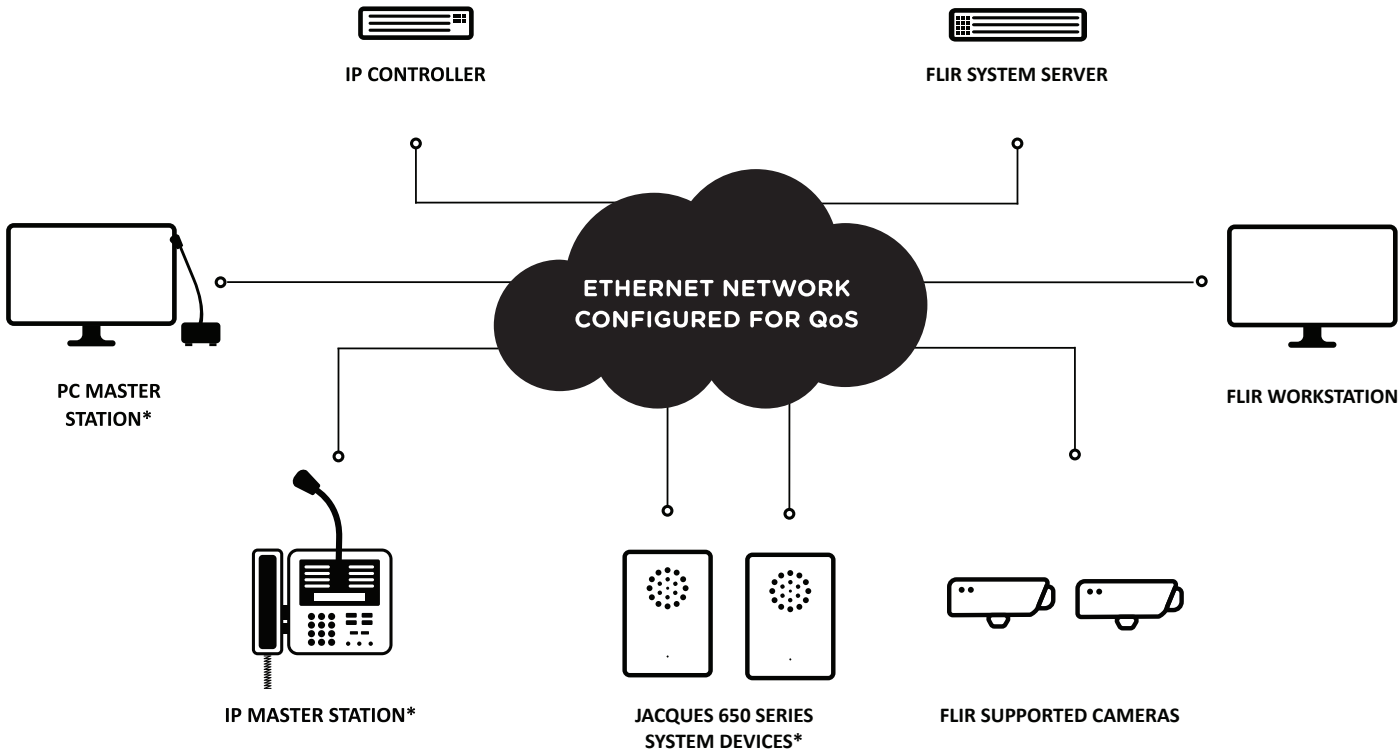## Overview

The Jacques to FLIR High Level Interface (HLI) allows the Jacques Integrated Communication System (650 series) to send call notification alarms to the FLIR System Server for switching of the intercom-associated camera on the FLIR ControlCenter

Functionality

The below listed intercom functionality is available in the FLIR system

Call Originate
When a Jacques 650 series endpoint originates a call in the Jacques system, the associated CCTV stream/s is switched to the assigned FLIR ControlCenter workstations.

Call Connect
When a call is connected between a Jacques master station and intercom, the associated CCTV stream/s is displayed on associated FLIR ControlCenter workstation.

Call Terminate
When Each Jacques master workstation can terminate an incoming call either prior the call being answered or after a call has been established. Once the call is terminated, the intercom associated CCTV stream to the assigned FLIR ControlCenter workstation will stay connected and must be manually ended.

Call state - On
Each Jacques master workstation can place a call on hold. When the call is on-hold, the intercom associated CCTV stream will continue to display on the assigned FLIR ControlCenter workstation

Call Priorities
If Within the Jacques communication system each device can be given a priority. Higher priority calls present themselves at the top of call waiting queues and can also be configured to interrupt connected lower priority calls. The interface allows the FLIR ControlCenter workstation to switch the CCTV stream from the current intercom associated camera to the higher priority intercom camera.

Call Forward
Jacques master station has a property of forwarding incoming calls from the Jacques system to a subsequent device either prior to the call being answered or after a call has been established. During call forward in the Jacques system, the interface allows the FLIR ControlCenter workstation associated with the master station to which call is forwarded to automatically display the intercom associated CCTV stream. The CCTV camera stream associated with intercom will keep following the intercom call destination location.

Covert Monitoring
When Jacques master devices can covertly connect to Jacques devices without the end user aware of the audio connection. When the Jacques master station connects a monitor call to an intercom, the intercom associated CCTV stream will display on the assigned FLIR ControlCenter workstation.

Bridge Call
A Jacques 'bridge' is a pre-defined group of workstations that will ring simultaneously on arrival of an incoming call with only one being able to answer the call. Bridges are commonly used in areas where multiple operators are working simultaneously to answer many incoming calls. During a bridge call, the interface allows the FLIR ControlCenter workstations associated with the bridge group of Jacques workstations to display the intercom associated CCTV stream. Upon call answered by a Jacques workstation, the associated FLIR ControlCenter workstation will continue to display the intercom associated CCTV stream.

Divert Call
Jacques master stations have a property of being diverted, which means if the incoming call is not answered for pre-defined time; all the incoming calls designated for that master station are automatically transferred to the next level master station in the hierarchy. During divert mode, the interface allows the FLIR ControlCenter workstation associated with the next level master station to automatically display the intercom associated CCTV stream. The CCTV camera stream associated with intercom will keep following the intercom call destination location.

Remote/Un-Remote Master
Jacques intercoms have a property of being remoted which puts the intercom into a mode where all incoming calls designated to that intercom are automatically transferred to its parent tag. The interface allows the FLIR ControlCenter workstation to automatically display the associated CCTV stream of the parent intercom. Meanwhile if the remote workstation is un-remoted and the call is not answered at its parent workstation, then the call will be transferred back to the original destination and the CCTV stream on the FLIR ControlCenter workstation will switch to intercom associated camera.

Jacques - FLIR High Level Interface

IP CONTROLLER   FLIR SYSTEM SERVER

ETHERNET NETWORK CONFIGURED FOR QoS

PC MASTER STATION*   FLIR WORKSTATION

IP MASTER STATION*   JACQUES 650 SERIES SYSTEM DEVICES*   FLIR SUPPORTED CAMERAS

*Virtually unlimited. Dependent on server configuration and network bandwidth

Versions	FLIR Control Center 9.2.0.3300 and greater
	Jacques IP Communication System including Event Controller V8.05.36 and above
Developer	Jacques Technologies 2023
Related Documentation	JED-0530	Jacques to FLIR High Level Interface Specifications