



JACQUES TO MILESTONE HLI SPECIFICATIONS

JED-0411

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INTRODUCTION

This document describes the features of the High Level Interface (HLI) between the Jacques 650 IP Communication System and the Milestone XProtect Corporate 2016.

The Jacques Milestone HLI was developed by Jacques Technologies and allows Jacques IP Communications System (650 series system) to send call information to the Milestone XProtect Corporate for switching the of intercom-associated-cameras onto an active matrix of Milestone XProtect Smart Client.

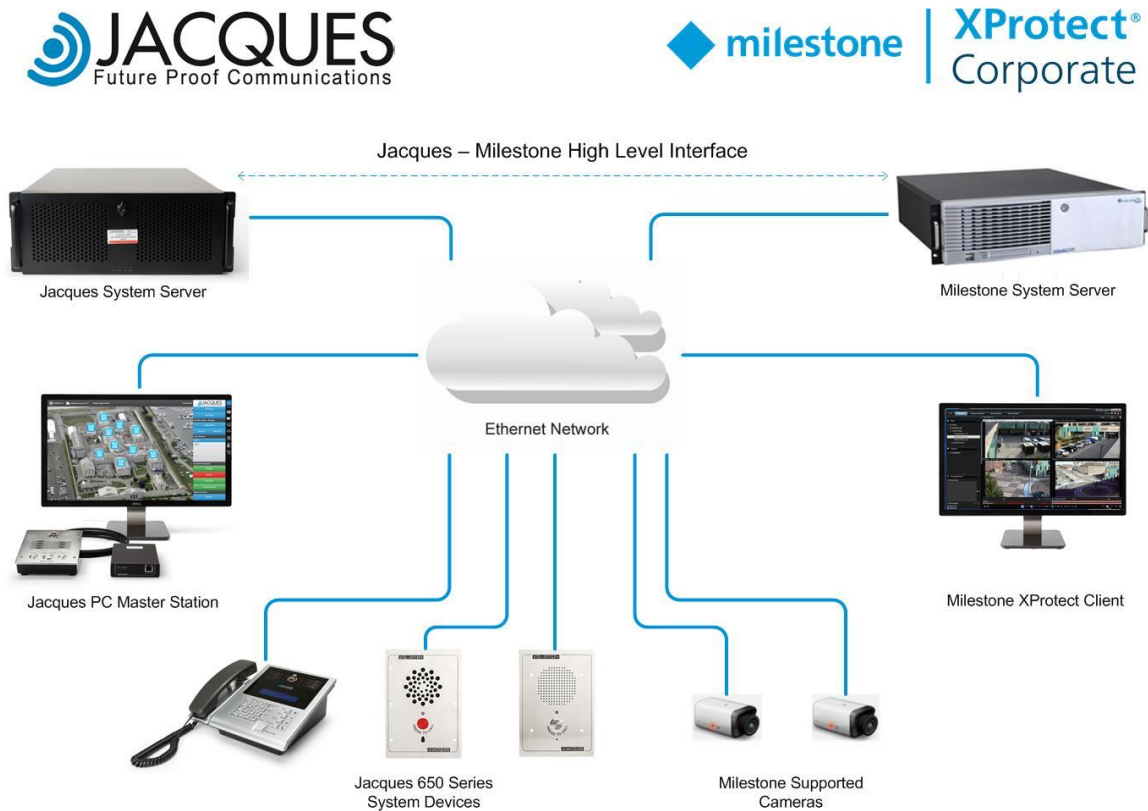


Figure 1: Jacques – Milestone HLI Implementation Diagram

FUNCTIONALITY SPECIFICATION

SYSTEM CONFIGURATION

Upon request, the Jacques to Milestone HLI can be preconfigured on each Jacques (650 Series) System Controller. Each Jacques workstation and Milestone workstation is configured via the Jacques Event Controller software module (V7.95 and above) installed on the Jacques System Controller. Once configured, each Milestone supported camera can be mapped to Jacques intercom devices in the Jacques system database.

CCTV INTERCOM-ACTIVATED-VIDEO (IAV) FUNCTIONALITY

Using one or more call notification alarms, the Milestone workstation is able to configure intercom-to-CCTV camera associations. Typical use is to activate and display a CCTV camera when a Jacques intercom device initiates a call. The workstation operator can then view the intercom-associated-CCTV camera often focused on individual establishing the call.

The Jacques to Milestone HLI will allow the Milestone XProtect Smart Client to display intercom-associated-CCTV camera streams on a variety of Jacques call functions, as follows:

Call Originate

When a Jacques IP intercom endpoint originates a call in the Jacques system, the associated CCTV stream/s is switched to the assigned XProtect Smart Client workstations.

Call Connect

When a call is connected in the Jacques system, the associated CCTV stream/s will continue to display on the assigned XProtect Smart Client workstations.

Call Terminate

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 assigned to the Smart Client will be disconnected.

Call state – On Hold

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 Milestone workstation until the Jacques master workstation is connected to another intercom.

Call Priorities

Within the Jacques IP 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 Milestone workstation to switch the CCTV stream from the current intercom associated camera to the higher priority intercom camera.

Call Forward

Jacques master stations can forward incoming calls another master station either prior to the call being answered or after a call has been established.

During call forward, the interface allows the Milestone workstation associated with the master station to which call is forwarded, to automatically display the intercom-associated-CCTV camera stream. The CCTV camera stream associated with the original calling intercom will keep following the intercom call destination location.

Covert Monitoring

Jacques master stations can connect a covert call to an intercom without the end user being aware of the audio connection. When the Jacques master station connects a monitor call to an intercom, the intercom-associated-CCTV camera stream will display on the assigned Milestone workstation.

Divert Call

Jacques master stations can divert incoming calls. If an incoming call is not answered for a pre-defined time; all call is automatically transferred (diverted) to the next level master station in the hierarchy.

During divert mode, the interface allows the Milestone workstation associated with the next level master station to automatically display the intercom-associated-CCTV camera stream. The CCTV camera stream associated with intercom will keep following the intercom call destination location.

Remote / Un-Remote Station

Jacques master stations can be placed in remote-mode. When a master station is in remote-mode all incoming calls designated to that master station are automatically transferred to its parent tag until the master station is un-remoted.

The interface allows the Milestone workstation to automatically display the associated CCTV stream of the parent master station. Meanwhile if the workstation is un-remoted and an active call is not answered at its parent workstation, then the call will be transferred back to the original master station and the CCTV stream on the Milestone workstation will switch back to the intercom associated camera.

INTEGRATION LIMITATIONS

Call Queue

The interface does not allow Milestone workstation to display CCTV streams for calls that are waiting in queue to be answered. The CCTV stream can only be activated on the Milestone workstation after the queued call becomes the next call to be answered (presuming that the particular endpoint is configured correctly to view CCTV stream onto the Milestone workstation)

Group Calling

The Milestone workstation is unable to display CCTV streams for group calls. Group calls in a Jacques system are calls made to multiple Jacques endpoints from a master station at the same time and are usually of the nature of Public Address announcements.

Jacques Video Streaming

A Milestone workstation is unable to view CCTV footage from a Jacques Video Intercom device.

Relay Triggering

A Milestone workstation is unable to trigger relay outputs on a Jacques device.

Event Logging

Jacques logging information is not passed via the HLI and is only available at the Jacques System Controller.

System Alarms – Milestone to Jacques

At the time of the integration no system alarms are made available by the Milestone system server to be received by the Jacques Communication System.

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