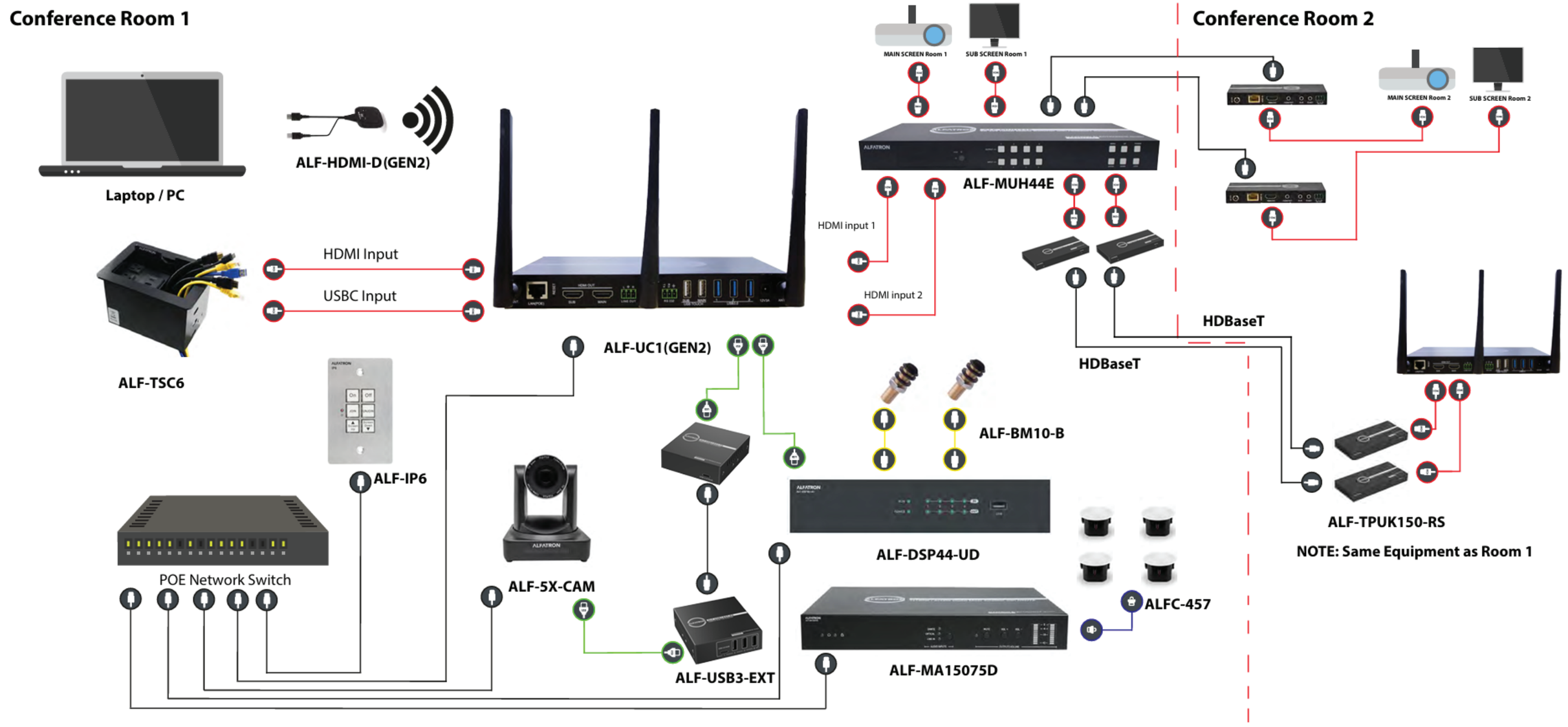

Solution – Two Room Conference venue setup with wired and wireless Connectivity & Dante (Join or Seperate Options)

HDMI / USBC · USB · MIC CABLE · SPEAKER CABLE · NETWORK

The Solution:

The AV solution has been designed to have two conference room solutions that can be used independantly or as a joint solution.

Both rooms have hard wired and wireless capabilities, as well as audio and microphones for conferencing solutions.

The use of the ALF-UC1(Gen2) wireless conferencing system allows for hardwired as well as wireless connectivity for the users of the rooms. They can either connect their laptop using the ALF-TSC6 table box with either HDMI or USBC which is connected to the inputs on the ALF-UC1(Gen2), or they can connect wirelessly using the Wireless Media APP (Allows for the use of the USB peripherals, Camera and microphones for conferencing), Airplay, MirraCast or the wireless dongles (ALF-USBC-D(Gen2), ALF-HDMI-D (Gen2) for presentations.

The ALF-5X-CAM is used for conferencing purposes with its full HD sensor and a 5x optical lens for medium spaces. It is connected to the network for control, and via USB to the ALF-UC1(Gen2) for peripheral sharing.

The ALF-DSP44-UD is connected to the ALF-UC1(Gen2) via USB and is used for the audio management of the system including the two ALF-BM10-B boundary microhphones, audio from the video conference and DANTE channels to send audio to the ALF-MA15075D amplifier. The amplifier is sending audio back to the room through the 4x ALFC-457 ceiling speakers in the room.

When they want to join or unjoin the rooms, they can use the ALF-IP6 Ip button controllers. These can also be used to switch the room equipment on/off.

The use of the ALF-MUH44E matrix switcher allows for the transfer of each video signal to be sent to either room and this can be automated on the ALF-IP6 controller.

Bill Of Quantity: Room 1

Control

1x Alfatron IP6

Audio

2x Alfatron ALF-BM10B

1x Alfatron ALF-DSP44-UD

1x Alfatron ALF-MA15075D

4x Alfatron ALFC-457
(Low impedance - dual output)

Video

1x Alfatron ALF-TSC6

1x Alfatron ALF-UC1 GEN2
(Connected to 2 displays)(Hardwired HDMI and USB-C from pop-up as an option)

1x Alfatron 4K buttons (HDMI or USBC)

1x Alfatron ALF-MUH44E

Camera

1x Alfatron ALF-5X-CAM

1x Alfatron ALF-10M-U3.0

1x Alfatron ALF-USB3-EXT

Bill Of Quantity: Room 2

Control

1x Alfatron IP6

Audio

2x Alfatron ALF-BM10B

1x Alfatron ALF-DSP44-UD

1x Alfatron ALF-MA15075D

4x Alfatron ALFC-457
(Low impedance - dual output)

Video

1x Alfatron ALF-TSC6

1x Alfatron ALF-UC1 GEN2
(Connected to 2 displays)(Hardwired HDMI and USB-C from pop-up as an option)

1x Alfatron 4K buttons (HDMI or USBC)

2x Alfatron ALF-TPUK150-RS

Camera

1x Alfatron ALF-5X-CAM

1x Alfatron ALF-10M-U3.0

1x Alfatron ALF-USB3-EXT