



***Lumens***<sup>®</sup>

Barco & Lumens  
Large Meeting Room  
BYOD Solution For Corporate

# Use Case: Large Meeting Rooms



## BYOD Solution

- Participants: 8~20 people
- Space: >25~45 m<sup>2</sup>

Architects often design conference rooms into corporate facilities and office buildings. These spaces are used for board meetings, company presentations and inter-company discussions. They enable organizations to host hybrid meetings, involving overseas offices and partners who are geographically remote.

### Pain Points in Traditional Meeting Rooms

- Cables and adapters clutter the conference room table.
- Audio quality and voice pickup can be poor, especially in spaces with poor acoustics and with a group of participants.
- Video conference devices are connected to a computer using inconveniently short USB cables.
- The conference camera lacks the quality to capture guests at the back of the room.
- Video conference set up can take 10 minutes and require the support of an AV technician.
- Sharing reports and presentations from multiple delegates is challenging.

# Solution Features

## Clear Communication:

- **Professional Audio Quality**

A Biamp professional audio digital signal processor (DSP) will enhance audio quality in the room.

- **Ceiling Microphones and Speakers:**

Ceiling microphone are great for capturing the entire room and providing 360-degree coverage. Deploy multiple ceiling speakers so everyone in the room can hear presentations and individual contributions clearly.

## Multi-purpose Meeting Space:

- **BYOD Instant Video Conferencing**

With the [Barco](#) ClickShare Wireless Conference, you start a video conference with a single click.

- **More Constructive Meetings**

A mini-PC can be connected to Barco CX50 to facilitate meetings. A tactile control panel delivers maximum ease of use, controlling a matrix switch which manages in-room displays.

- **Sharing without Restriction**

Barco CX50 pairs with 2-4 ClickShare buttons enabling participants to share screens and switch to colleagues' presentations at leisure.

# Solution Features

## Clutter-free Meeting Rooms:

- **Bring Your Own Device**

Plug the USB ClickShare Button into each laptop for instant on-screen projection, with no need for another cabling.

- **Ceiling Embedded design**

Embedded ceiling microphones and speakers make the meeting space look professional without reducing the quality of the conference room.

- **Worry-free Interface and Cabling**

A wireless connection replaces long cables and removes unnecessary and messy wiring from the meeting room.

## Capture Everyone with Ease:

- **Zoom to Capture**

A high-definition PTZ camera with 12x optical zoom can capture all delegates throughout the meeting room.

- **Intelligent Tracking**

A Lumens tracking camera automatically follows the presenter to keep the host in frame.

# Product Selection

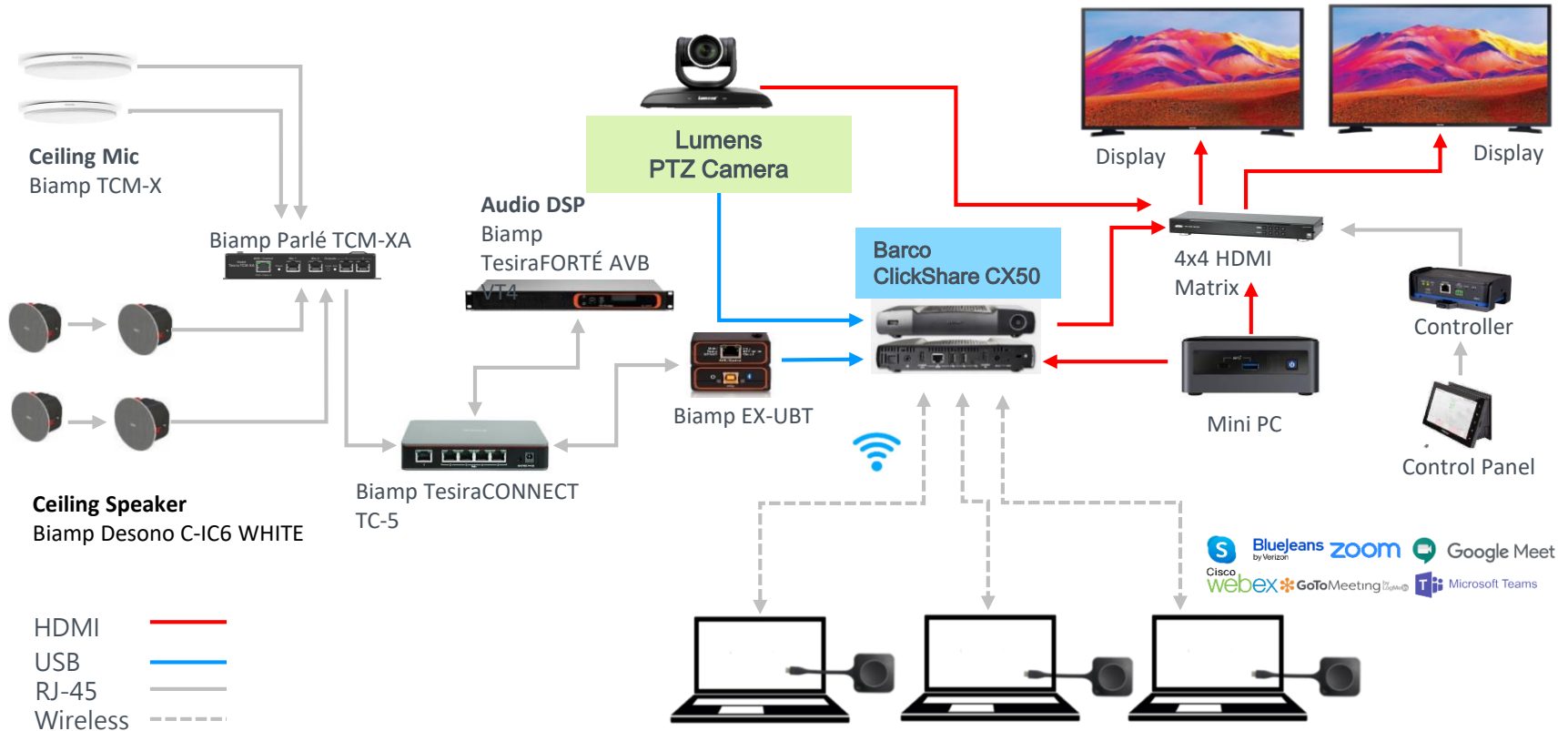
## Video Equipment

- **Wireless Presentation System**
  - Barco ClickShare CX50
  - Barco ClickShare Button 2-4 pcs
- **Conference PTZ Camera (at least one)**
  - Lumens VC-R30 :  
12x optical zoom / Auto-Framing / PoE
  - Lumens VC-B30U :  
12x optical zoom / 72° viewing angle / USB & HDMI outputs
  - Lumens VC-TR1 :  
20x optical zoom / Auto-Framing / Auto-Tracking / PoE
- **Display**
  - 65-85" Display
- **4x4 HDMI Matrix**
  - Crestron HD-MD4X4-4KZ-E
- **Controller**
  - Crestron RMC3
- **Control panel**
  - Crestron TSW-760-B-S + MSMK

## Audio Equipment

- **Audio DSP**
  - Biamp TesiraFORTÉ AVB VT4 x1
- **Audio Bridge and Extension**
  - Biamp TesiraCONNECT TC-5
  - Biamp Parlé TCM-XA
  - Biamp EX-UBT
- **Ceiling Microphones**
  - Biamp TCM-X x2
- **Ceiling Speaker**
  - Biamp Desono C-IC6 WHITE x4

# System Diagram



# Thank You!



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