Barco & Lumens
Large Meeting Room
BYOD Solution For Corporate
Use Case: Large Meeting Rooms

BYOD Solution

- Participants: 8~20 people
- Space: >25~45 m²

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 microphones 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

Ceiling Mic
Biamp TCM-X

Biamp Parlé TCM-XA

Audio DSP
Biamp TesiraFORTÉ AVB

Ceiling Speaker
Biamp Desono C-IC6 WHITE

Biamp TesiraCONNECT TC-5

Biamp EX-UBT

Lumens PTZ Camera

Display

Barco ClickShare CX50

4x4 HDMI Matrix

Mini PC

Controller

Control Panel

HDMI

USB

RJ-45

Wireless
Thank You!