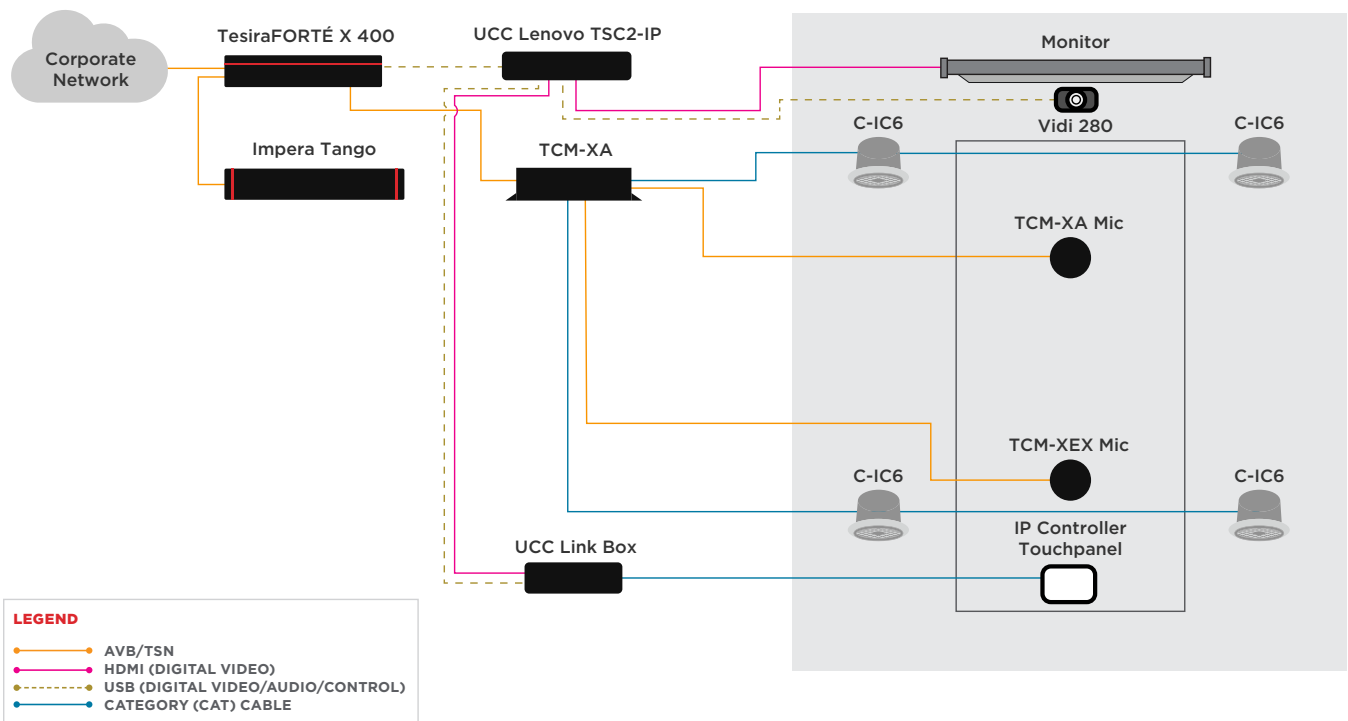# Large Conference Room

biamp.

Conference rooms are vital spaces for collaboration, negotiation, and idea exchange in professional settings. Large conference rooms can accommodate sizeable groups for important presentations and meetings — onsite and hybrid. However, they often present significant audio challenges and UC integration can be daunting.

This system design guide highlights the convenient Biamp large conference room bundle, which provides a complete UC meeting solution for Microsoft Teams and Zoom Rooms of up to 18 people, including the UC compute and controller plus everything required to outfit a large high-performance conference room with crystal clear communication in every meeting. Only standard Ethernet cables are needed to connect a TesiraFORTÉ X DSP to our Tesira TCM-X Beamtracking™ microphones and other conference room components for an exceptional conferencing experience.

WIRING DIAGRAM

Corporate Network

TesiraFORTÉ X 400

UCC Lenovo TSC2-IP

Monitor

Impera Tango

TCM-XA

C-IC6

Vidi 280

C-IC6

TCM-XA Mic

TCM-XEX Mic

C-IC6

C-IC6

UCC Link Box

IP Controller Touchpanel

LEGEND
- AVB/TSN
- HDMI (DIGITAL VIDEO)
- USB (DIGITAL VIDEO/AUDIO/CONTROL)
- CATEGORY (CAT) CABLE

KEY FEATURES

- Eight 90° zones — four per mic — can simultaneously identify and steer towards talkers, allowing participants to move freely around a space.

- The Biamp UCC Lenovo TSC-IP for Microsoft Teams and Zoom Rooms seamlessly pairs with Biamp microphones and conferencing bars for improved audio and video performance.

- Audio levels remain consistent and intelligible as a result of Tesira's best in class DSP processing — whether the talker is facing towards or away from our microphone.

- TesiraFORTÉ X is trusted around the world to provide the best possible audio processing platform. The compact but powerful DSP removes analog channel count not needed in today's digital conference rooms.

LARGE CONFERENCE ROOM

PRODUCT	DESCRIPTION
TesiraFORTÉ X 400	Compact DSP featuring multiple network and analog audio connection points, with 4 channels of Acoustic Echo Cancellation (AEC).
Biamp UCC Lenovo TSC2-IP	Provides UC compute for Microsoft Teams or Zoom Rooms.
TCM-XA Beamtracking Microphone	Actively tracks and intelligently mixes conversations from around the table. The built-in 2-channel PoE+ amplifier provides amplification to the ceiling speakers.
TCM-XEX Beamtracking Microphone	Actively tracks and intelligently mixes conversations from around the table.
Vidi 280	A 4K UHD dual lens electronic PTZ camera system with Microsoft Cloud Intelliframe support. Delivers high quality video to remote participants.
Desono C-IC6 Loudspeaker	Provides sound reinforcement for distance conferencing and/or video conferencing.
Impera Tango	Provides room control via UCC Lenovo TSC2 with Biamp MTR Plugin Application.