SYSTEM DESIGN GUIDE

OPEN OFFICE

Tesira™

The open office plan is becoming increasingly common, fueled not only by cost-efficiency, but by the idea that being in a shared space nurtures a collaborative approach between co-workers. However, this same lack of boundaries also increases noise pollution, making it difficult to have private conversations or effective conference calls on the office floor. The shift toward open office plans is also inspiring the proliferation of small collaborative spaces, where employees can meet in small groups and focus without distraction. In tandem with the open office plan trend, workforces are becoming increasingly globalized. Colleagues are now dispersed across cities, countries, or continents.

As a result, demand for, and volume of, conference calls is on the rise, placing greater emphasis on conference room usage, the need for high-quality audio, and the ease-of-use of their conference room AV systems. These small conference rooms are critically important to a company's success, because they're where decisions are made. People want to enter the room, launch a conferencing solution such as Zoom or Microsoft Teams from their laptop, and focus on the meeting content. They don't want to strain to hear the conversation or repeat themselves to far end participants.

We can help with that.

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Our Parlé microphones provide exceptional audio quality to the far end while simultaneously achieving consistent room coverage. They let people act naturally in the room without negatively impacting the far-end audio quality. Unlike traditional microphones, Beamtracking microphones track people as they move, and don't force them to stay where the lobes are aimed. With Beamtracking microphones, people are free to stand up, sit down, face the whiteboard, or walk around the table as needed, secure in the knowledge that they'll still be heard clearly.

The EX-UBT expander allows you to extend USB audio reliably throughout your entire facility. The EX-UBT also supports Bluetooth® wireless technology, allowing users to transition a phone call started on a mobile phone to a conference room's AV system.
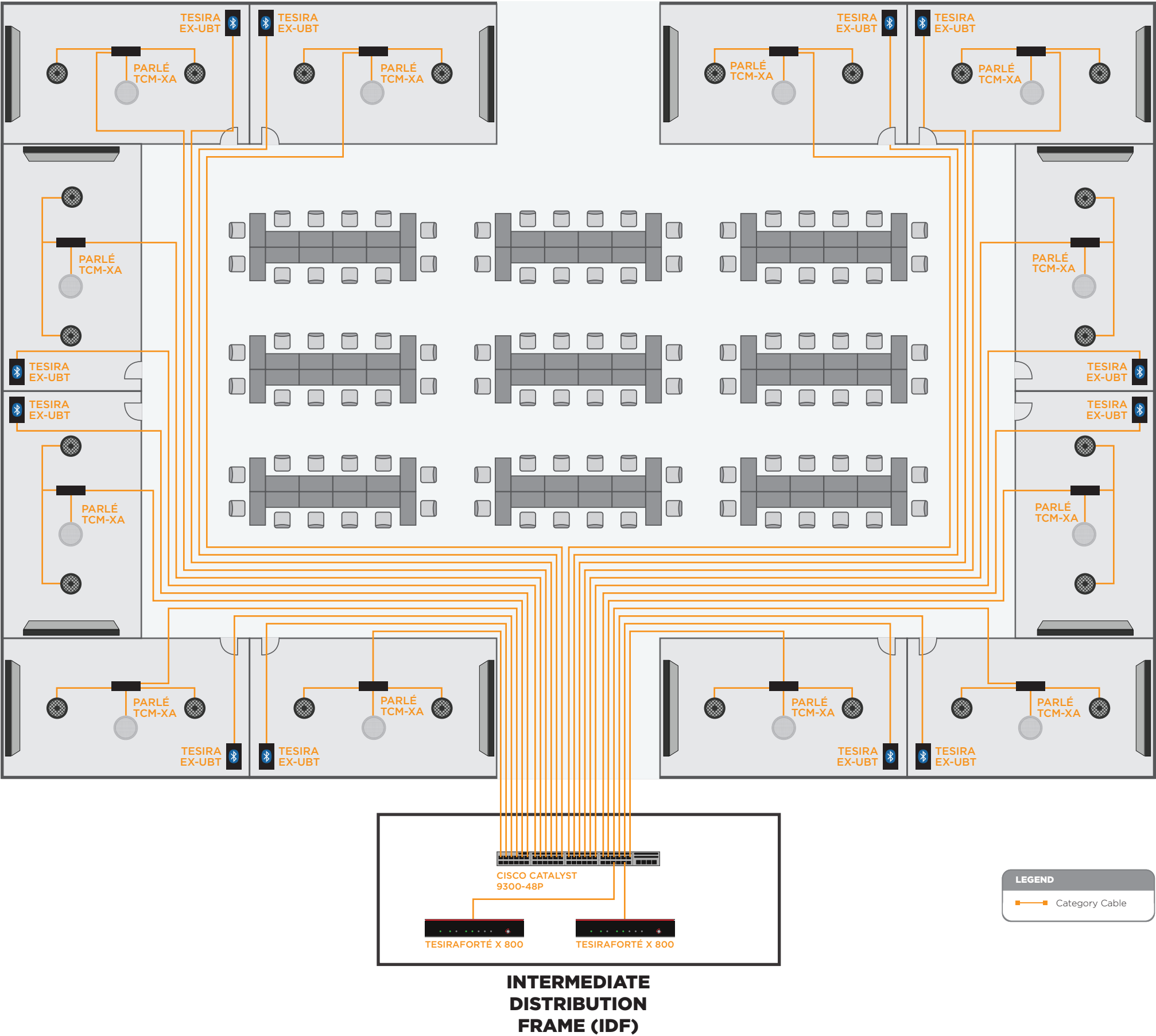
Two TesiraFORTÉ X 800 devices handle the DSP requirements for all 12 conference rooms, facilitating clear and intelligible audio to far end participants. All Tesira devices can be configured and managed via the Tesira software.

TESIRA TCM FEATURES

- Provides extraordinary audio quality to the far end
- Beamtracking technology actively tracks and intelligently mixes conversations
- TCM-XA model includes a 2-channel PoE+ amplifier
- Requires very little setup; there's no mic tuning or lobe aiming involved

TESIRA EX-UBT FEATURES

- Supports up to 8 channels of configurable USB audio
- Excellent for scenarios requiring multiple USB audio inputs
- Supports Bluetooth wireless technology

TESIRA EX-UBT

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PARLÉ TCM-XA

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TESIRA EX-UBT

TESIRA EX-UBT

TESIRA EX-UBT

TESIRA EX-UBT

CISCO CATALYST 9300-48P

TESIRAFORTÉ X 800

TESIRAFORTÉ X 800

INTERMEDIATE DISTRIBUTION FRAME (IDF)

LEGEND

Category Cable

biamp.

Product	Function
TesiraFORTÉ X 800	Handles digital signal processing and routing for all conference rooms.
Tesira EX-UBT	AVB/USB adapter provides remote USB audio capabilities, while Bluetooth® technology allows users to transition a phone call started on a mobile device to the room's AV system.
Parlé TCM-XA	AVB Beamtracking microphone that provides extraordinary far end audio, as well as amplification for ceiling loudspeakers in each small conference room.
Desono C-IC6	Provides high performance sound reinforcement in the conference rooms.

biamp.