

Design for Optimum Performance



Creating an integrated, functional conference room

A conference room can be the core of the greatest ideas, finalizing your most important decisions and celebrating your successes.

With effective communications tools, each of these functions can be achieved transparently, sharing information around the world at the touch of a finger.

Successful conference room designs incorporate advanced functionality, ease of use and security against “tinkering”. The highest quality conference rooms protect the access to the components through an integrated control panel, eliminating the need for remotes, risk of improper use, while providing the highest quality audio and video input and output.

Designing your Perfect Conference Room

Each customer has different needs for their conference room, and with today's technologies, you can design the ideal environment for your business needs.

Functions that can be supported in a conference room:

- Audio Conferencing
- Video Conferencing
- Collaboration (remote file sharing)
- Projection (presenting rich media)
- Web Casting or broadcast
- Security & Facilities

High Performance



Designed for the executive conference room, this layout has 'no moving parts' is controlled by a single control panel, and offers the least potential for problems (losing components, losing remotes, etc.). It has the absolute best in quality of technology available today to facilitate seamless communications and improve the decision making cycle, while offering the most flexibility to users of all types.

The easy to use "touch screen" control pad offers an intuitive interface to all of the systems with complete programmability for IT professionals.

Standard Design



Designed for the upscale conference room, this layout offers excellent quality devices for each individual function with easy migration to future integration. Each of the systems demonstrates the best-in-class functionality with easy to use controls for each device.

Basic Design



Designed for the standard conference room, this layout offers excellent quality devices for each individual function with easy migration to future integration, although perhaps not with all of the functionality offered by higher end systems. Each of the systems demonstrates very good functionality with easy to use controls for each device.

Design of the Conference Room

Audio Conferencing

Audio Conferencing describes the ability for multiple individuals to share telephone communications using a single connection to remote user(s).

High Performance	Standard Design	Basic Design
<p>Audio conferencing utilizing microphones installed in the ceiling and ceiling speakers installed in the room (shared by the video conferencing system). Dialling would be via a centralized touch-screen module controlling all of the a/v equipment. Benefits: Centralized control, no components to disconnect or remove; extraordinary sound from anywhere in the room.</p>	<p>High Performance centralized audio conferencing unit with multiple microphone “pods” to pick up audio on a conference table from users seated around the table. Uses separate audio microphones and speakers on the phone.</p>	<p>Standard audio conferencing telephone with microphone “pods” situated around the table.</p>

Video Conferencing

Video Conferencing describes the ability for individuals to contact remote individuals in a video conferencing office remote user(s).

High Performance	Standard Design	Basic Design
<p>Video Conferencing with multiple pan / tilt / zoom cameras to capture all of the room – displaying to dual sided (near view and far view) flat screen wall mounted monitors/TVs. Cameras can be used that will track the voice for individuals that are moving around the room and the cameras can be programmed to automatically adjust to 10 different presets. Multiple remote video locations can share a multi-point video conference Audio channels sharing ceiling installed microphones and speakers for best sound. Sessions can be recorded for future review or playback. Centralized control is provided using touch-screen module controlling all of the a/v equipment. Benefits: Centralized control, no components to disconnect or remove, extraordinary picture with highest quality video.</p>	<p>High Quality Wall/ceiling Mounted Video Conferencing unit using a single display monitor (split screen near/far image), single pan / tilt / zoom camera with high performance microphone built into the camera to pick up audio throughout the room. Speakers situated in ceiling or around the room.</p>	<p>Standard video conferencing using a mobile television situated on a media cart.</p>

Collaboration (Remote)

Remote Collaboration describes the ability to share information on a PC (such as Microsoft PowerPoint™ files) to remote users. This can be accomplished using a PC with the internet, or when there is video conferencing, can share the video conferencing connection for display on the integrated monitor.

High Performance	Standard Design	Basic Design
<p>Sharing the Video Conferencing system remote collaboration occurs by simply connecting the PC to the control unit ports. Users can display multiple images on a single monitor/TV or can show collaboration on one screen with the “far” view of the other conference room on the 2nd monitor/TV.</p> <p>Centralized control is provided using touch-screen module controlling all of the a/v equipment.</p> <p>Benefits: Centralized control, no components to disconnect or remove, extraordinary picture with highest quality video.</p>	<p>Remote Collaboration is accomplished using either the video conferencing connection to display it on a monitor/TV in a remote conference room or via the web interface sharing with individuals in remote locations on their own PCs.</p>	<p>Remote Collaboration is accomplished using a web interface sharing with individuals in remote locations on their own PCs.</p>

Projection

A Projector and screen and camera offers integration and display of any type of material.

High Performance	Standard Design	Basic Design
<p>An overhead mounted projector with automatic focus and drop down screen offers the display of any integrated inputs (installed throughout the room). Inputs can be from a PC or integrated document camera. Centralized control is provided using touch-screen module controlling all of the a/v equipment.</p>	<p>Automated screen supports desktop mounted projector with single input.</p>	<p>A manual “pull down” screen is installed supporting a portable overhead projector.</p>

Web Casting or Broadcasting

Web Casting offers conference room users the ability to capture and record, or “close to real time” streaming of the conference room session to a web broadcast. Webcasting provides the ability to capture information and disseminate to thousands or millions using a high speed internet connection.

High Performance	Standard Design	Basic Design
Integrated with the High Performance Conference Room, systems are provided for recording, encoding and feeding the video stream to a data center. Centralized control is provided using touch-screen module controlling all of the a/v equipment.	N/A	N/A

Security & Facilities

Separate from the a/v system in the room, systems can be provided for video recording, automated lights, automated screens on windows, light sensing and power sensing.

Founded in 2004 in Miami, Florida, Transform Communications is a leader of affordable interpersonal communications to individuals and corporations converging advanced software-integrated audio, video and telephone networking. The Company's solutions take advantage of the Internet-Protocol (IP) based infrastructure to drive costs of communications down while integrating high quality communications solutions from industry leaders.

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