

FREQUENCY AUDIO-VISUAL SERVICES CASE STUDY

FORTUNE 500 COMPANY

CLIENT

BCS Financial Corporation

PROJECT

Conference Room and Flex Spaces
Buildout

LOCATION

2 Mid America Plaza Suite 200,
Oakbrook Terrace, IL 60181

INDUSTRY

Financial Services

SCOPE

12 Audio Visual Integrated Spaces

PROJECT DESCRIPTION

Design and integrate a variety of enablement in multiple conference and meeting rooms with the highest possible level of technological transparency.

Room designs included:

- 1 Telephone Conferencing-Enabled Boardroom
- 2 Video Conferencing-Enabled Multi-Media Rooms
- 1 Telephone Conferencing-Enabled Meeting Room
- 4 AV-Enabled Meeting Rooms
- 1 Flex Space
- 2 Common Area Broadcast Displays
- 1 Four-Panel Branding Wall



UNIQUE CHALLENGES

This project required complete integrated touch panel control of every system device using IR, Relay, Serial and IP protocols across an end of line IT routing system. Additionally, video conferencing needed to operate on the same IT system which the manufacturer identified as not able to support any form of video conferencing. The entire facility is a high profile, public facing front end and all integrations needed to be simple, aesthetically pleasing and user friendly.

OUR SOLUTION

Frequency Audio worked directly with Polycom and the BCS IT team to develop a multi-network transport system for video and control. This system worked in and around the existing network while maintaining Security Audit Standards and the quality of function desired by the client. We used the corporate marketing branding colors to develop custom graphics for all of the touch panel control systems. We also used a standard control model with room to room variances representing the differentiation in function and available technology in each room.



KEY EQUIPMENT USED

- Sharp & Samsung Televisions
- Polycom Video Conferencing Endpoints
- Atlas Sound Speaker Systems
- Lab Gruppen & Atlona Amplifiers
- Polycom Digital Audio Signal Processors & POTS Cards
- Audix Ceiling Mics
- RevoLabs Table Top Mics
- Atlona Legacy Up-Conversion & HDMI Switching Products
- Key Digital HDMI Extension Transport & Matrix Devices
- Binary HDMI Distribution Cabling
- RTI Control Systems
- Epson Projectors
- Da-Lite Screens