

Pratyam[®]

CASE STUDY

PREPARED FOR :

HDFC



IT BOARDROOM AV & VIDEO CONFERENCING COLLABORATION

Executive IT Boardroom Deployment At HDFC

Project Overview

Client Name: HDFC

Project: Modern, fully integrated AV-enabled IT Boardroom

The client required a modern, enterprise-grade IT boardroom equipped with a fully integrated Audio-Visual and Video Conferencing system to support executive meetings, hybrid collaboration, technical discussions, and high-level presentations.

The goal was to create a reliable, easy-to-operate, and future-ready meeting environment that delivers professional audio clarity, seamless video conferencing, and flexible presentation capability.

The Challenge

- Large boardroom size requiring advanced microphone coverage
- Need for enterprise-level VC stability for daily use
- Managing multiple presentation formats (HDMI, USB-C, wireless)
- Maintaining clean corporate aesthetics
- Ensuring echo-free communication in hybrid meetings

Client Requirements

- Large professional display for executive presentations
- High-quality 4K video conferencing solution
- Crystal-clear voice pickup across the entire table
- Uniform room sound distribution
- Wireless laptop presentation capability
- Multiple wired input connectivity
- Clean installation with minimal visible equipment
- Simple one-touch meeting operation for non-technical users

Solution Overview

We engineered and implemented a fully integrated AV collaboration ecosystem using professional solutions from globally trusted manufacturers.

Professional Visual Display

A **100-inch commercial display from Sony (FW-100BZ40J)** was installed to provide:

- Ultra-clear presentation visibility
- Commercial-grade reliability for long operational hours
- Wide viewing angles for full boardroom coverage

Enterprise Video Conferencing Platform

A **G7500 4K conferencing system from Poly** was deployed as the central collaboration engine.

- Native enterprise VC processing
- High-definition meeting transmission
- Secure corporate conferencing performance
- Smooth hybrid meeting operation

Advanced Ceiling Audio Capture & Processing

To ensure flawless voice clarity, we deployed:

- **TeamConnect Ceiling 2 microphone by Sennheiser** for intelligent beamforming voice pickup
- **TesiraFORTÉ DSP processor from Biamp** for professional audio tuning and echo cancellation
- Ceiling speaker system with power amplification from **AUDAC** for uniform room sound
- Network AV control interface from **Kramer Electronics**

Wireless Presentation & Collaboration

An **AM-3100 wireless collaboration gateway from Crestron** enables:

- Instant laptop screen sharing
- Cable-free presentations
- Multi-participant collaboration

Professional AV Switching & Connectivity

A **Taurus UCX professional signal management platform from Lightware Visual Engineering** was installed to manage:

- HDMI and USB-C input routing
- Intelligent signal switching
- Reliable device integration
- Centralized AV connectivity

Implementation Scope

Our turnkey execution included:

- Detailed system design & engineering
- Equipment supply & rack integration
- Structured AV cabling infrastructure
- Professional installation & mounting
- DSP tuning & acoustic calibration
- Complete system commissioning
- User training & operational handover

Project Outcome

The completed IT Boardroom now delivers:

- Seamless hybrid meeting experience
- One-touch conference startup
- Clear voice capture across the entire table
- Professional executive presentation environment
- Reliable daily operational performance
- Clean and modern corporate aesthetics

Conclusion

The boardroom was successfully transformed into a modern, fully integrated collaboration space with reliable video conferencing, clear audio, and seamless presentation capabilities—delivering a professional, future-ready meeting environment that enhances productivity and communication.





GET IN TOUCH

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