

# EMPOWERING CONNECTIVITY: NABARD'S JOURNEY TO SMARTER COMMUNICATION AND SEAMLESS COLLABORATION



**EYTE Technologies integrates NABARD'S conference room with state-of-the-art AV solutions to modernise meeting spaces**

*EYTE Technologies Pvt Ltd., a premier AV, IT, IoT, and acoustic consulting firm recognised for delivering cutting-edge, tailored solutions across industries, recently accomplished the transformation of **National Bank for Agriculture and Rural Development (NABARD)**, headquartered in Mumbai, India. At the helm of this AV consultancy, is **Abdul Waheed**, a visionary leader and CTS-I certified AV expert with over two decades of industry mastery. Mr. Waheed shares this brief case study with **AV-ICN Expo Magazine** to address the strategic upgrade that aimed to enhance communication efficiency and support critical discussions on agricultural policies and rural development.*

**A**n AV infrastructure upgrade is crucial for improving communication by enhancing collaboration, supporting modern technology, and ensuring clearer audio and visuals. It leads to more efficient meetings, better productivity, and future-proofing the organisation for new communication tools. This project with NABARD catered to finding cutting-edge AV solutions for improved communications in the meeting environment.

## PROJECT OVERVIEW

Agriculture is a cornerstone of India's economy, employing over 45% of the workforce and contributing significantly to both rural and national development. Recognising NABARD's crucial role in advancing agricultural initiatives, the need for

enhanced communication infrastructure became increasingly evident. In response, NABARD launched a comprehensive AV upgrade across its key meeting spaces, including a 46-person conference room, boardrooms, and various collaboration areas, to facilitate more efficient and effective communication.

The existing AV infrastructure at NABARD had become obsolete, hindering effective communication and collaboration. Several devices were no longer supported, and key features were experiencing malfunctions. Acknowledging these challenges, **Abdul Waheed** along with the EYTE team carried out a comprehensive assessment to develop a tailored solution that would provide state-of-the-art capabilities while ensuring long-term reliability and performance.

Abdul Waheed, Managing Director, EYTE Technologies, commented, "In terms of the vision of modernising communication across NABARD's offices, our goal was to design a futureproof system that meets

ARD's current requirements while ensuring scalability to accommodate future growth and technological advancements."

## INNOVATIVE SOLUTIONS FOR MODERN COLLABORATION

EYTE Technologies team conducted an in-depth assessment of NABARD's AV infrastructure to identify key challenges. Based on their findings, they designed a solution that integrates advanced technologies to enhance communication and collaboration. The solution was carefully crafted to not only address current needs but also ensure long-term sustainability and performance, supporting NABARD's future growth.

At the core of the AV transformation was the 46-person conference room, a vital space for high-level discussions involving senior management and government representatives. The upgraded room now features a state-of-the-art setup that inte-



**A state-of-the-art boardroom setup that integrates advanced display, audio, and video technologies for seamless collaboration**

NABARD's immediate needs while offering scalability for future advancements."

## UNDERSTANDING THE NEED FOR CHANGE AND INTEGRATED FUTURE COMPATIBLE SOLUTION

The old infrastructure had become outdated, limiting the effectiveness of communication and collaboration. Many devices were no longer supported, and critical features were malfunctioning. Adding to such limitations, Abdul Waheed stated, "Technology evolves at a rapid pace, requiring organisations to regularly update their systems to remain competitive. Our objective was to develop a robust, future-proof solution that addresses NAB-

grades advanced display, audio, and video technologies for seamless collaboration.

## KEY POINTS:

### Display and Presentation Systems:

- Four ceiling-mounted LG display screens provide 360-degree visibility, ensuring all participants have clear access to presented content.
- A 110-inch LED display serves as the primary screen, enhancing the visual experience for in-room and remote attendees.
- Wireless presentation capabilities powered by the **Wolfvision Cynap Pro** enable participants to share content effortlessly from personal devices.

## Video Conferencing:

- The **Poly G7500 system**, combined with SCT camera extension kits, facilitates high-quality video conferencing for seamless remote communication.
- A centrally mounted ceiling camera captures all participants, ensuring comprehensive coverage during hybrid meetings.

## Audio Systems:

- The **Q-SYS 110f** processor forms the backbone of the audio infrastructure, delivering crystal-clear sound across the room.
- QSC ceiling-mounted and column loudspeakers provide even sound distribution and directional reinforcement, powered by **QSC SPA4-60 amplifiers**.
- Participants utilize **Televic** push-to-talk microphones for effective voice capture and smooth discussions.

## Digital Signage:

- **LG 55-inch portrait displays**, paired with **BrightSign** media players, deliver dynamic digital signage, replacing outdated static systems.
- An interactive LG digital board allows users to annotate and collaborate directly on the screen.

## EXPANSION TO OTHER AREAS

In addition to the primary conference room, NABARD's boardroom and 15-person conference space also underwent comprehensive AV enhancements. These upgrades ensured a consistent user experience and upheld high technological standards across all collaboration areas.

The boardroom now features a **136-inch Planar LED videowall**, delivering exceptional visuals for presentations and remote meetings. Albiral's 17-inch HD retractable monitors provide individual content access, while **Kramer AV-over-IP encoders** efficiently manage video distribution. Wireless presentation and video conferencing capabilities are enabled through **Wolfvision Cynap** systems and **Poly kits**.

In the 15-person conference room, an 85-inch 4K display with wide viewing angles offers superior image quality. Structural adjustments and reinforced walls were implemented to seamlessly integrate the new technology.

## OVERCOMING CHALLENGES

Executing the AV overhaul at NABARD's fully operational headquarters presented



**Photo credit: EYTE Technologies Pvt. Ltd. (15 PAX image after installation)**

unique challenges. Strict project timelines, limited working hours, and structural constraints required innovative problem-solving and meticulous planning.

The project had to be executed within NABARD's operational hours, with most installations taking place during nights and weekends to avoid disruptions. Despite these constraints, the team remained focused on delivering a seamless and high-quality implementation.

Additionally, navigating NABARD's stringent IT infrastructure and government regulations posed another challenge. Ensuring compliance while integrating

advanced AV solutions necessitated close collaboration and extensive testing to meet all requirements.

"One of the key challenges we faced was working within NABARD's operational hours," remarked Waheed. "To minimize disruptions, we had to conduct most of the installations during nights and weekends. Despite these constraints, our team remained dedicated to ensuring a smooth and high-quality implementation."

## **FUTUREPROOFING COMMUNICATION INFRASTRUCTURE**

The AV upgrade at NABARD reflects

the commitment to future-ready communication and collaboration. By selecting advanced, reliable technologies with flexibility for future innovations, the system was designed to remain effective for the next five to ten years. This modernisation not only enhanced NABARD's infrastructure but also set a benchmark for future government-led AV initiatives, strengthening its support for India's agricultural and rural development goals.

## **CONCLUSION**

The AV transformation at NABARD exemplifies how strategic technology investments can elevate organisational communication and operational efficiency. With EYTE Technologies at the helm, the project successfully delivered a robust, futureproof system that meets the evolving needs of NABARD's critical workspaces.

"This project is a testament to how thoughtful design and advanced technology can transform communication experiences," concluded Waheed. "We are proud to have played a key role in enabling NABARD to continue its vital mission with cutting-edge AV capabilities."