



*Innovating through ideas and technology*



*NABARD wanted to create a State Of The Art Boardroom and decided to use advanced audio visual technologies to provide an optimal combination of quality, economy and aesthetics.*

## ***The Challenge***

*National Bank for Agriculture and Rural Development(NABARD) Mumbai wanted to develop State of the Art AV Boardroom with the use of Advanced audio visual technologies for their high profile meetings.*

*In continuation they were looking for Full HD Video Conferencing across NABARD offices , Seamless Presentation , Natural Audio Quality with unilateral db level across the Boardroom , Fully programmable Microphones with no concern of leaning toward Mics , without any concern of Echo & Feedback and entire system control on Touch Panel with user friendly application .*

## ***The Solution***

***The infocomm certified team at Cosmos carefully evaluated the NABARD requirements and build up a solution that could meet and satisfy client wishlist .***

*The 135" DNP Giant Wide Angle rear projection optical screen with single mirror technology & Panasonic DZ 680 Projector ( 6000 Ansi Lumens , Full HD ) were deployed for quality, equivalent to that of an LCD panel but with no bezel .*

*Polycom Full HD Videoconference system with 12X Zoom Camera is able to deliver the crystal clear video out.*

*Arthur Holm FULL HD Professional 17.3", wide screen format, retractable data monitor with 20 degrees of inclination, integrated into conference room table. The UP/DOWN control buttons are being used for control application.*

*With regards to the Audio System, two Tannoy QFlex-16 located both sides of the optical screen. Regarding selection of the speakers Pankaj says , Tannoy QFlex-16 speakers were selected to deliver the unilateral audio throughout the room using array technology and backend software control. The pleasing stereo audio sound quality of the above speakers is giving the long lasting experience to the client .The boardroom is aesthetically designed and we wanted to have the speakers that wouldn't drastically impact the look and feel .*



*Beyerdynamic MCS-D Series digital array microphones with the beam forming Revoluto Technology is used for push to talk application with chairman and delegate microphones . The microphone button, clear button are being used based on the speaker where as priority button is associated with chairman microphone gives the full control to Chairman to either allow or mute the user .*

*Extron Digital Matrix Switcher XTP Crossspoint 1600 supports 4K Resolution , 3D , HDCP Compliant and able to transmit seamless video & audio contents . We wanted to have a user friendly process for the customer, so with the control system in place we are able to control the entire systems on the Apple IPAD .*

### ***The Result***

***The end-user wanted a state of the art boardroom and we tried to rise to this challenge. Every aspect of the installation had to be cohesive and meet with the client's aesthetic standard.***

***Our engineers went the extra mile to provide comprehensive control of each and every port while at the same time keeping the output algorithm simplified and user friendly.***

***The State of the Art Boardroom with future ready advanced audio visual technologies is able to deliver the unmatched results.***

### ***Client Feedback***

*The system has superb clarity and picture reproduction with seamless transmission and user friendly experience*

*Mr Ps. Sunil Mohankrishnan ( Assistant General Manager , DPSP Dept , NABARD Bank , Mumbai ) .*

### ***Cosmos Contact Details***

#### **Cosmos Business Machines**

501-503, 5th Floor, Simran Plaza, Jn. Of 3rd and 4th Road, Khar (W), Mumbai 400 052.

Contact – 022-66842424 Email – [avsupport@cosmos.org.in](mailto:avsupport@cosmos.org.in) [www.cosmos.org.in](http://www.cosmos.org.in)