

School Replaces Outdated Projectors with Next-Generation Interactive Displays from ViewSonic



The challenge

- ▶ Replace outdated interactive projectors with alternative interactive technology that provided higher brightness, with less maintenance and lower cost.

The solution

- ▶ The ViewSonic® ViewBoard® IFP7550 interactive flat panel display provided next-generation interactivity on a 75" 4K touchscreen.

The results

- ▶ Easy-to-use touchscreens delivered more engagement in the classroom.
- ▶ Lower total cost of ownership without the need for filters or lamps.
- ▶ Higher resolution delivered better images than previous projectors.
- ▶ Colegio Sagrado Corazón Sophianum became a national example of how to use new technology in the classroom.

Customer profile

Colegio Sagrado Corazón Sophianum de Arequipa is a catholic school owned by the Congregación Religiosa de Hermanas Dominicanas de la Inmaculada Concepción in Arequipa, Peru. With over 150 years of history, the school is one of the most respected and well-known educational institutions in Arequipa. The school's vision and mission is to promote the use of technology in education in order to drive student success, fulfilment, and happiness.

The challenge

To maintain its leadership in education, the institution is constantly in search of new tools and technologies tailored to its specific teaching strategies and student needs. The school's initial experience with interactive projection was a negative one. Not only did they find frequent calibration issues with the equipment, but they also discovered noticeable on-screen trace delays, and low overall brightness. In addition, the school found that local distributors lacked the necessary expertise for proper service of these projectors. To find an alternative technology, the school hired Neox Corporation Sac, an engineering solutions company with more than 25 years of experience in Peru.

The solution

After assessing the school's needs, the Neox team suggested the latest generation of ViewSonic® ViewBoard® interactive displays and demonstrated the IFP7550 model to school authorities and students. With a huge 20-point touchscreen, 4K Ultra HD resolution, and a powerful quad-core processor, the 75-inch IFP7550 made a big impression on the school.

In addition, with an included software package consisting of myViewBoard™ annotation software, ViewBoard® Cast content sharing software, Wi-Fi broadcasting software, and Zoom video conferencing software, the IFP7550 held a considerable advantage over other competing products under consideration. In particular, the Zoom software enabled the school to connect and communicate with other schools of the congregation, while the ViewBoard® Cast software allowed users to stream content from Mac, Android, and Windows devices such as smartphones.

The school community was so convinced about the effectiveness of the ViewBoard® displays, that Colegio Sagrado Corazón Sophianum purchased a total of 24 units. In addition, they requested 13 more units for their venue at San Isidro in Lima (eight units of model IFP7500, and five more units of model IFP7550).

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ViewSonic® ViewBoard® IFP7550

- ▶ Ultra HD Resolution
- ▶ 20-point Multi-touch Interactive Screen
- ▶ One-Touch Save to Google Drive
- ▶ Out-of-the-Box Collaboration

“The impact of these ViewBoard® displays has been highly positive on the school community. As a matter of fact, both teachers and students find the displays to be easy to use, especially when compared to interactive projectors that have to be continuously calibrated.”

- Sister Silvana León Orbegozo,
Religious Director of Sagrado Corazón.

The results

“The impact of these ViewBoard® displays has been highly positive on the school community. As a matter of fact, both teachers and students find the displays to be easy to use, especially when compared to interactive projectors that have to be continuously calibrated,” said Sister Silvana León Orbegozo, Religious Director of Sagrado Corazón.

“Some teachers commented that with prior equipment, they were always afraid of malfunctions during their presentations to parents. Students shared the same feelings when they were presenting to classmates,” said Sister León.

The 4K Ultra HD resolution of the ViewBoard® interactive displays provided a 10x increase in resolution compared to previously installed XGA and WXGA projectors. The school also appreciated how the IFP7550 reduced their total cost of ownership. Compared to projectors, the ViewBoard® displays do not require additional accessories such as filters, lamps, or preventative maintenance. The hidden costs of these extra items make projectors more expensive in the long run, making the IFP7550 a good investment.

Today, the school serves as a prime example not only for the region, but at a national level as well. Colegio Sagrado Corazón Sophianum has shown how interactive technologies can benefit educational institutions.

Alex Carlos, ViewSonic Manager for Peru, Colombia and Ecuador, noted that technology can be a great partner to the educational process at all levels from K-12 and higher education. Schools are continuously looking for technological solutions to develop more dynamic and creative learning communities.

“We are pleased to contribute to the development of the Peruvian educational system with products that offer highly useful features for both teachers and students,” said Carlos. “In today's learning environment, familiarity with technology at the early stages of the educational process is incredibly important.”