

WonderHub Interactive Display



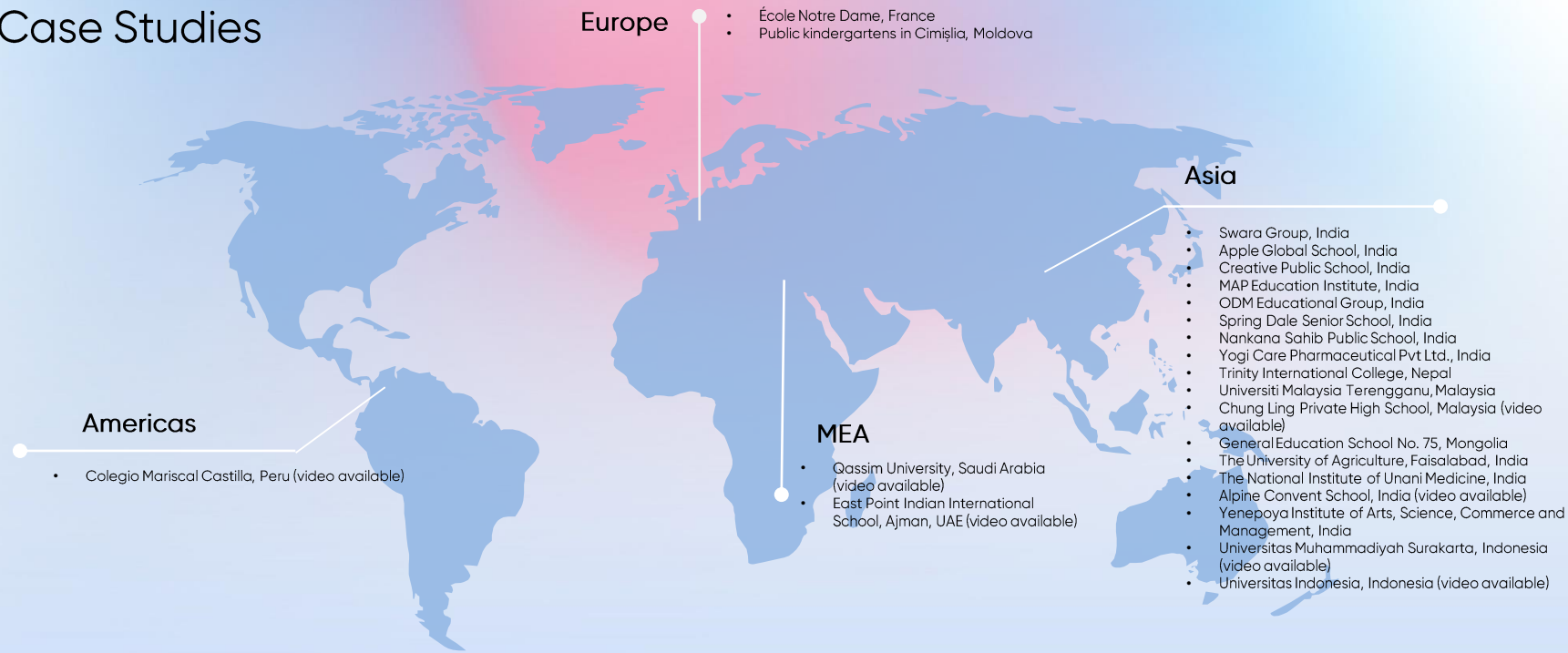
Global Case Study
Collection



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WonderHub Interactive Display Case Studies



Europe



École Notre Dame, France

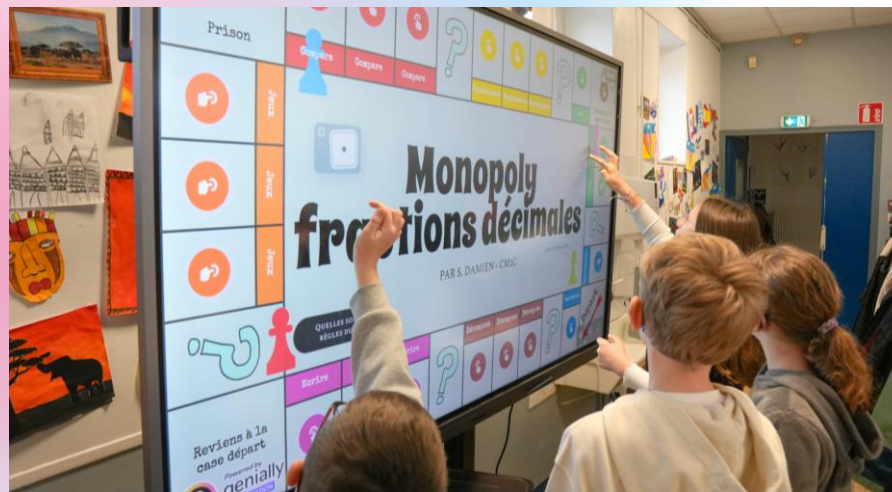


"Students are much more motivated. They love coming to the board to interact with the exercises."

-- A CM2 teacher, École Notre Dame

"The smart screens allow us to vary teaching approaches and make lessons more engaging."

-- The School Principal, École Notre Dame



Challenges

- Engage students with [more interactive, visual learning](#)
- Support [diverse learning styles](#)
- Align with [digital education goals](#)
- Simplify classroom technology while [enhancing teaching](#)

Solutions

- Deployed [Hikvision WonderHub Interactive Display](#) (DS-D5C75RB/A) and [Hikvision Wireless Dongle](#) (DS-D5SC3B-B)
- Anti-glare, blue light protection
- Dual Android & Windows systems, EDLA-certified apps
- Wireless casting and device control via dongles

Benefits

- More [engaging, interactive lessons](#)
- [Higher student participation and motivation](#)
- [Faster setup and flexible teaching](#)
- Rich media integration for [better understanding](#)
- [Scalable](#) for future classroom expansion

Public kindergartens in Cimișlia, Moldova

Early childhood education in Cimișlia, Moldova, is undergoing a transformation aimed at making learning more captivating and effective for children aged 3 to 7.



Challenges

- Traditional teaching methods were ineffective in [capturing the attention of young learners](#)
- Need to make learning more captivating and effective for [children aged 3 to 7](#)
- [Enhance digital literacy](#) and prepare children for future technological advancements

Solutions

- Initiated the project "Modernizing the Educational Process in Preschool Institutions"
- Installed [29 Hikvision 75-inch 4K interactive displays](#) (DS-D5B75RB/C) across eight local kindergartens

Benefits

- Transformed learning into a [fun and engaging experience](#)
- Enhanced understanding through [interactive games and exercises](#)
- Fostered [creativity, social skills, and communication](#) among peers
- Prepared children for the future by nurturing essential [digital literacy](#) and [technological awareness](#)

Middle-East & Africa



Qassim University, Saudi Arabia



"The implementation of the digital twin at Qassim University has significantly elevated campus management, enabling automatic detection and reporting of emergencies and enhancing response times."

-- Othman bin Muhammad Al-Saqri, Control and Command Center Unit Manager at Qassim



Challenges

- Traditional management systems with **outdated cameras** and **separate set-ups** are unable to meet the needs of a large, modern campus

Solutions

- Created a campus **digital twin** integrated with over **6,000 smart cameras**
- Revamped classrooms with **86-inch 4K Interactive Displays** (DS-D5C86RB/B) and electronic class boards (DS-D6122TH-D/C)
- Implemented advanced **personnel and vehicle access-control systems**

Benefits

- Improve **campus management** with automatic emergency detection and **faster response**
- **Streamline operations** and enrich education
- Create a **productive learning environment** and prepare students for the future

East Point Indian International School, Ajman, UAE

East Point Indian International School Ajman, a secondary school affiliated to the Central Board of Secondary Education, was determined to optimize students' learning performance by replacing traditional whiteboards with interactive displays.



Video
available

Challenges

- Traditional whiteboards were not maximizing students' learning performance
- Lack of engagement and interaction in classrooms
- Difficulty in delivering engaging learning experiences with traditional teaching tools

Solutions

- Installed 35 Hikvision 65-inch 4K interactive displays (DS-D5B65RB/C)
- Integrates touch controls, HD display, video processing, network communications, interactivity, and audio
- Includes third-party teaching resources

Benefits

- Enhanced engagement for teachers and students
- Increased student participation and comprehension
- Improved learning outcomes

Asia



Universitas Muhammadiyah Surakarta, Indonesia



"I am very happy that Hikvision is present on our campus with this smart classroom solution," he said. "It makes it easy for me to explain lecture material in a more interactive and modern way. There are no more time or location constraints, because the solution supports offline and online learning at the same time."

-- Dr. Muzakar Isa, a lecturer at UMS



Video
available



Challenges

- Traditional whiteboards limited interactivity and multimedia integration
- Difficulty in recording, saving, and sharing lessons effectively
- Limited ability to run multiple applications simultaneously for enhanced teaching content

Solutions

- Integrated **60 Interactive Flat Panels** (DS-D5B75RB/D) for interactive learning
- **ClassIn** software for remote teaching
- **Fixed Bullet Network Cameras** (DS-2CD3021G0-I) for enhanced campus security

Benefits

- **Engaging science education** with interactive displays
- **Improved remote learning** through ClassIn
- **Heightened campus security**
- Fostering an **efficient, collaborative, and secure learning environment**

Universitas Indonesia, Indonesia



"We are dedicated to building a modern and innovative educational environment. With Hikvision's technological support, we are working together to create a better future for education."

-- Dr. Neni Susilawati, a lecturer at the Faculty of Fiscal Administration Science



Video
available



Challenges

- Unauthorized access, difficulty in traffic monitoring
- The **lack of advanced tools for interactive and efficient teaching**

Solutions

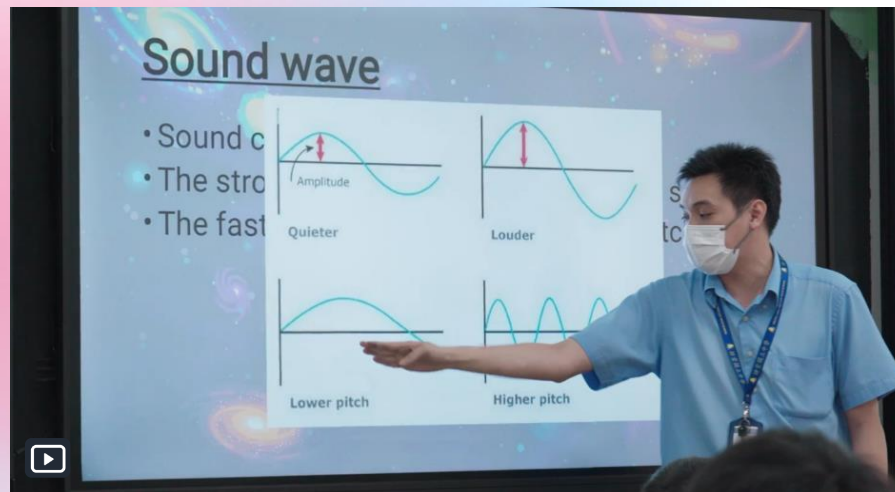
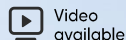
- **Speed gates** (DS-K3B801BX) and **facial-recognition terminals** (DS-K1T673TDX-T), integrated with **HikCentral Professional** for remote access management in the library
- Smart classrooms with **Interactive Displays** (DS-D5C86RB/B), **Electronic Class Board** (DS-D6122TH-D/C), recording devices, and **ClassIn**

Benefits

- Enables authorized entry, tracks visitor flow for **space optimization**, and **streamlines staff deployment**
- Facilitates dynamic teaching, supports online learning, and is eco-friendly, **enhancing the overall educational experience**

Chung Ling Private High School, Malaysia

Chung Ling Private High School in Malaysia is a secondary school famous for its long history of academic excellence and commitment to the education and development of its students.



Challenges

- Outdated teaching tools were hindering coding classes
- Cumbersome vehicle access control was leading to inefficiencies that impacted educational effectiveness and campus security

Solutions

- The school implemented advanced classroom technologies, including 86-inch 4K Interactive Flat Panels (DS-D5B86RB/D) for coding courses
- It also upgraded its vehicle access management with an ANPR camera (DS-TCG227-AIR) integrated with HikCentral Professional

Benefits

- The smart campus upgrades enhanced student engagement in learning, streamlined vehicle access for staff and visitors, and improved campus security, ultimately positioning the school as a leader in modern education

Universiti Malaysia Terengganu, Malaysia

Universiti Malaysia Terengganu (UMT) is a leading institution in fisheries and aquaculture education.



Challenges

- The university needed to cater to **diverse student needs** in fisheries and aquaculture education
- **Balancing in-person and online learning** requirements
- Ensuring **real-time participation** for partner school students

Solutions

- Deployed **30 Hikvision 65-inch 4K Interactive Displays (DS-D5B65RB/C)**
- Facilitated live lecture delivery and recording
- Enabled real-time participation for remote students via laptops

Benefits

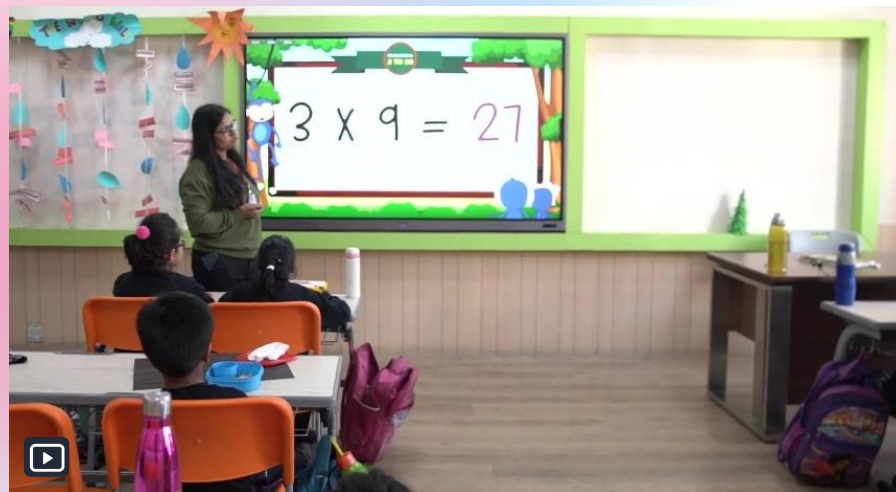
- Increased **engagement** and **participation** for in-class and remote students
- Provided **flexible learning options**, including recorded lectures
- Enhanced **inclusivity** and **access** to educational content
- Ensured **comprehensive, technology-driven academic programs**

Alpine Convent School, India



"Now the students are able to interact with the display. Earlier with the blackboards, they were not able to interact. Now, there is a wow factor as soon as they touch, as they can interact with the display. And multiple students can work at the same time. There are a lot of quizzes and a lot of polls, which now students can do on the display. Teachers are appreciating that as well."

-- Mohit Sharma, Director of Alpine Convent School



Video
available

Challenges

- Traditional whiteboards **limited interactive** teaching capabilities
- **Difficulty in incorporating multimedia content** into lessons
- **Inefficient sharing and archiving** of teaching materials

Solutions

- Replaced traditional whiteboards in **100 classrooms** with Hikvision **75-inch 4K interactive displays** (DS-D5B75RB/A)
- Integrated touch controls, HD display, video processing, network communications, and interactivity

Benefits

- Improved **efficiency and convenience for teachers**
- Enhanced **creativity** through multimedia and content sharing
- Notable increase in **student engagement**, participation, and comprehension
- Transformation of classrooms into **immersive, interactive environments**
- Better educational outcomes and **academic excellence**

Apple Global School, India

Apple Global School, a prestigious secondary educational institution in India, is renowned for its commitment to environmental sustainability and student-centered learning.



Challenges

- Apple Global School needed to **enhance student engagement** and **promote active learning**
- Desire to align with **environmental sustainability goals**
- **Reduce reliance on consumable materials** like markers and erasers

Solutions

- Implemented Hikvision **75-inch 4K Interactive Displays** (DS-D5B75RB/A) in classrooms
- Teachers incorporate multimedia resources like interactive exercises, shapes, photos, and videos
- Teachers act as facilitators, promoting student ownership of learning
- Reduced need for markers and erasers, minimizing waste and costs

Benefits

- Enhanced **student engagement and participation**
- Fosters **creativity** and **critical thinking skills**
- Aligned with **environmental sustainability values**
- Reduced consumable material usage and costs
- Easily update and reuse digital content, benefiting the environment

ODM Educational Group, India

Indian's ODM Educational Group accommodates several K-12 CBSE (Central Board of Secondary Education) schools.



Challenges

- ODM Educational Group aimed to transition from [traditional teaching methods](#) to interactive learning
- Outdated infrastructure and lack of faculty training

Solutions

- Implemented Hikvision [65-inch 4K Interactive Display](#) (DS-D5165RB/A, DS-D5B65RB/C) in two schools with 60 screens
- Developed comprehensive training program for faculty

Benefits

- Enhanced [teaching and learning efficiency and engagement](#)
- Facilitated wireless projection, annotation, and content synchronization
- Planned expansion to more schools with ongoing training and support

Yenepoya Institute of Arts, Science, Commerce and Management, India

India's Yenepoya Institute of Arts, Science, Commerce, and Management faced difficulties in ensuring efficient educational delivery.



Challenges

- The institute's **reliance on blackboards** restricted the dynamic and interactive presentation of course materials
- **Poor visibility** for students in large rooms
- Need for **engaging and flexible content presentation**
- **Complex concepts** in science education

Solutions

- **75-Inch 4K Interactive Display (DS-D5B75RB/C)**, and **86-inch 4K Interactive Display (DS-D5B86RB/C)** installed in classrooms and seminar halls for seamless content sharing

Benefits

- **Real-time content mirroring and annotation** for enhanced engagement
- Integration of ClassIn software for **remote learning** and **collaborative interaction**
- Support for e-learning initiatives and a more **inclusive classroom environment**

The National Institute of Unani Medicine (NIUM), India

The National Institute of Unani Medicine (NIUM) is a leading institution for Unani (Perso-Arabic) medical studies and research.



Challenges

- The National Institute of Unani Medicine (NIUM) struggled with **delivering complex medical content using traditional whiteboards**
- Static boards were inadequate for dynamic learning materials like medical illustrations and surgery recordings

Solutions

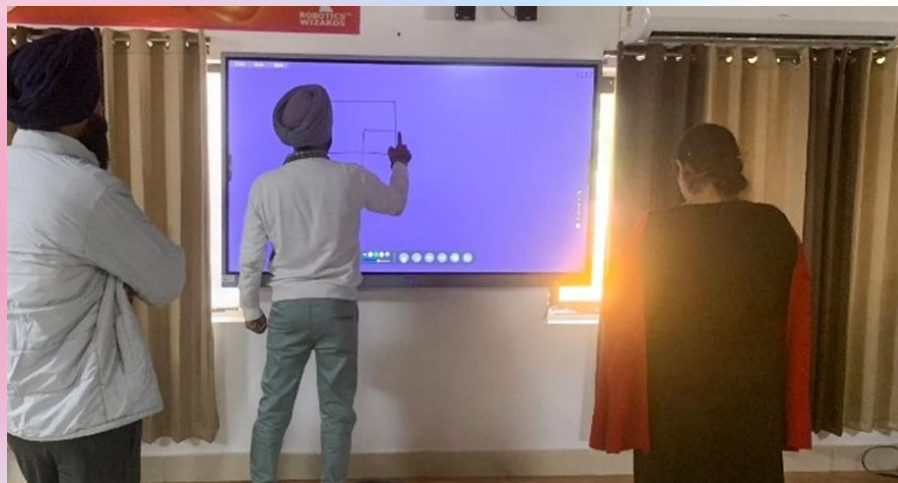
- Upgraded facilities with **30 Hikvision 75-Inch 4K Interactive Display Panels (DS-D5B75RB/C)**
- Utilized Hikvision's WonderCast application for simultaneous sharing of up to three content screens

Benefits

- Improved **student engagement and understanding**
- **Enhanced visualization of theoretical knowledge** with real-time annotations and split-screen functionality
- Created a visually stimulating and comprehensive educational environment

Nankana Sahib Public School, India

For years, Nankana Sahib Public School has been a beacon of educational opportunity for rural students. Their mission is to equip rural students with the ability to compete at the highest levels in professional arenas and public service.



Challenges

- Nankana Sahib Public School struggled with limited technology, only having one conference room with video display equipment

Solutions

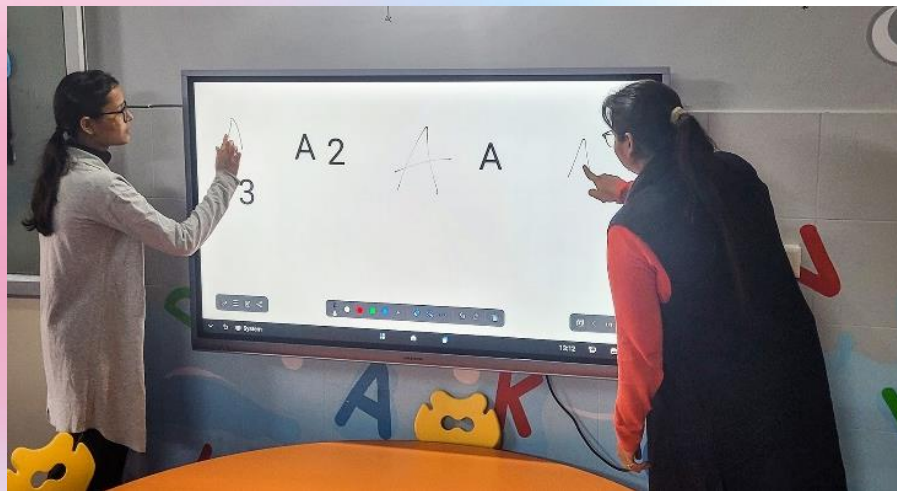
- Installed 70 units of 75-inch 4K Interactive Display (DS-D5B75RB/C) from Hikvision in classrooms
- Utilized Hikvision's ClassLink software and built-in Android system for multi-classroom functionality and educational software

Benefits

- Rural students now engage actively in online lessons and real-time interactions
- Teachers access tailored content and third-party resources, bridging the rural-urban education gap

Creative Public School, India

Creative Public School caters to a diverse age group of students, including play group and nursery. This prompts them to tackle the task of captivating and retaining the interest of its young learners.



Challenges

- Creative Public School needed to **captivate and retain the interest of young learners**

Solutions

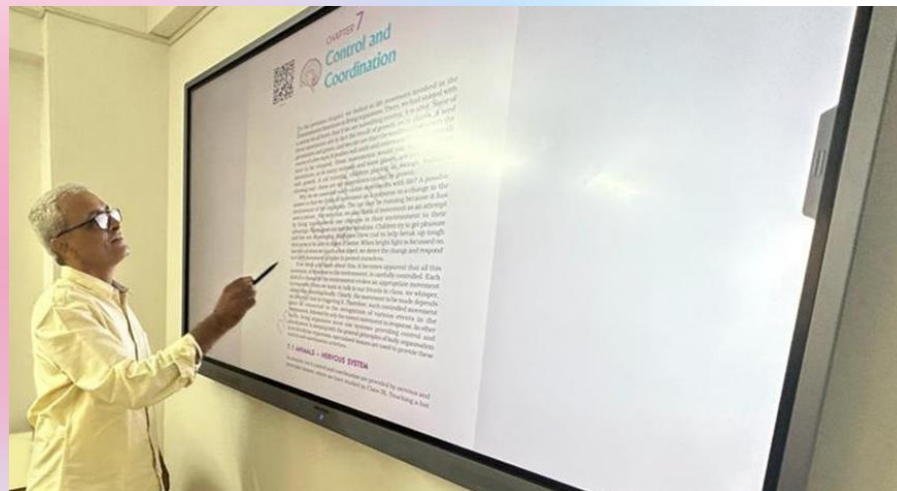
- Installed **15 Hikvision 75 & 65-Inch 4K Interactive Display Panels** (DS-D5B75RB/C, DS-D5B65RB/C) in preparatory and nursery classrooms
- Leveraged Windows Operating System plug-in to download third-party teaching software for customized content

Benefits

- Created an **engaging and interactive learning environment** for young students
- **Enhanced educational experience** with interactive elements like sketching, videos, and multimedia ebooks

MAP Education Institute, India

Located in the satellite area of Ahmedabad, India, the MAP Education Institute specializes in providing personalized coaching for CBSE and GSEB students. As an auxiliary educational aid to traditional schools, expert tutors at the Institute customize their lectures to resonate with every student's unique learning style and pace.



Challenges

- MAP Education Institute needed to **adapt teaching methods to individual learning styles** due to an increasing number of students

Solutions

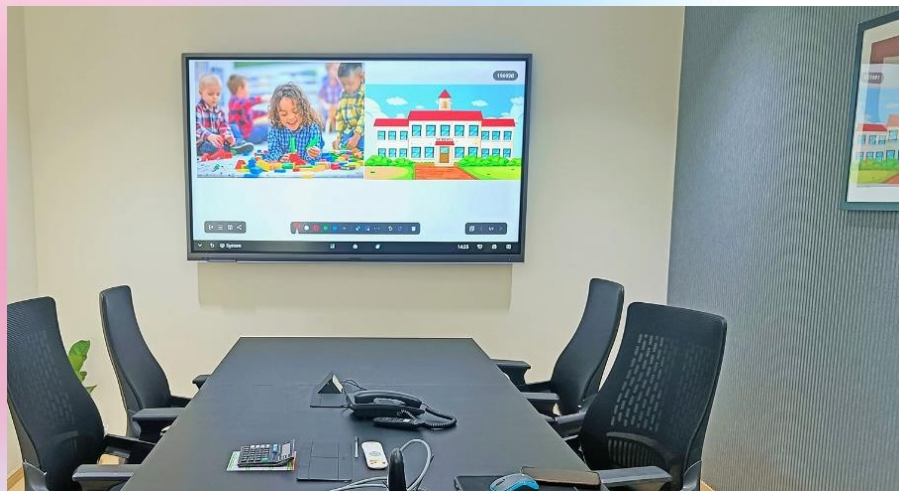
- Installed **75-Inch 4K Interactive Display (DS-D5175RB/C)** from Hikvision
- Utilized tactile interface for instant feedback, on-the-spot assessments, and quizzes
- Integrated Windows Operating System plugin to accommodate external educational software and run multiple applications

Benefits

- **Increased student engagement** and fostered a **collaborative learning environment**
- Enhanced **experiential learning** with **adaptive lesson plans** and **tailored interventions**

Swara Group, India

Swara Group is a leading design-build company based in India that has constructed 15 magnificent apartment buildings. The company's staff, mainly consisting of architects, often travel and work remotely due to the nature of their business.



Challenges

- Swara Group's architects work remotely, and there is a need for **effective online meetings** with headquarters to facilitate collaboration
- Traditional methods of **note-taking and data sharing** may not be efficient in meetings

Solutions

- Swara Group incorporated the Hikvision **75 - Inch 4K Interactive Display** (DS-D5B75RB/C) in their meeting room

Benefits

- Enables both on-site and remote staff to share and annotate content from their devices wirelessly, **enhancing meeting efficiency**
- **Real-time data sharing** reduces the need for traditional note-taking and fosters more focused discussions
- During presentations to vendors, it delivers an immersive experience with its impressive color range, vibrant brightness, and interactive features, **captivating clients visually**

Yogi Care Pharmaceutical Pvt Ltd., India

Yogi Care, a leading Indian pharmaceutical manufacturer and trader, was keen on updating its communication and presentation tools to match the rapid strides it has made in the pharmaceutical industry.



Challenges

- Yogi Care Pharmaceutical Pvt Ltd. had traditional conference and presentation setups that may have **limited collaboration and engagement during meetings**, potentially affecting business communications with their global client base

Solutions

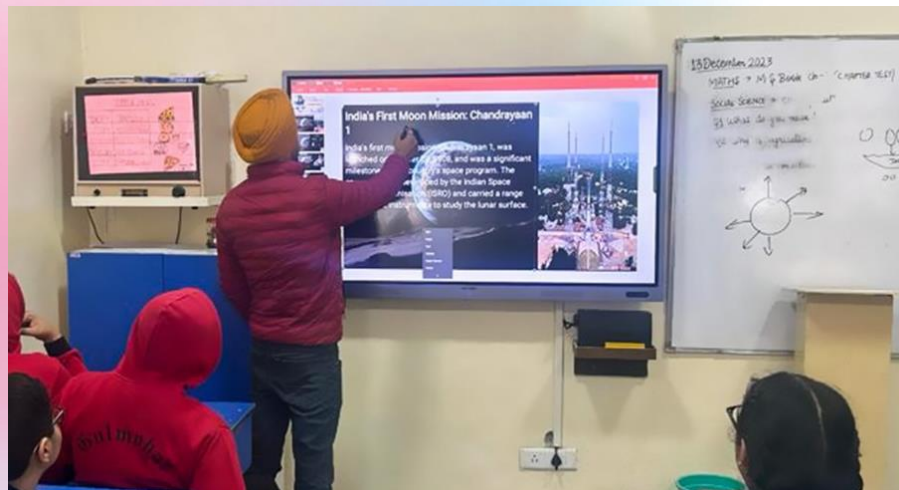
- With the support of Technica Solutions, Yogi Care replaced traditional setups with a **65-inch 4K Hikvision Interactive Display (DS-D5A65RB/A)** in their main conference room
- The display features built-in Wi-Fi for wireless screen mirroring and an interactive whiteboard system activated via QR code

Benefits

- **Enhances collaboration** during meetings through wireless screen mirroring and the interactive whiteboard system
- Notably improves Yogi Care's business communications, **making presentations more engaging and interactive for clients**

Spring Dale Senior School, India

Spring Dale Senior School is a private senior secondary school located in Punjab, India.



Challenges

- Spring Dale Senior School faced financial and environmental issues due to continuous restocking of markers and paper
- The school needed interactive tools to meet modern educational demands

Solutions

- Installed 80 Hikvision 65-inch 4K Interactive Display Panels (DS-D5165RB/A) in classrooms and conference rooms
- Utilized built-in Android system for academic operations and applications like quiz assignments

Benefits

- Reduced dependency on traditional stationery, saving costs and minimizing environmental impact
- Enhanced educational experience with interactive and reusable digital content

The University of Agriculture, Faisalabad, Pakistan

The University of Agriculture, Faisalabad, is a public research university in Pakistan. Founded in 1906, it is one of the first major institution of higher agricultural education in the country.



Challenges

- Static images on whiteboards insufficient for modern lectures at the University of Agriculture
- Need for sharing and annotating content digitally
- Requirement for group-wide participation and easy access to learning materials

Solutions

- Replaced whiteboards with 4K Interactive Displays (DS-D5B86RB/B(O-STD), DS-D5B65RB/B(O-STD), DS-D5B75RB/B(O-STD)) in 88 classrooms
- Touch system feels natural, allowing direct digital annotation saved for future reference
- Supports up to 20 simultaneous touch points for real-time document and annotation sharing
- Built-in 4K camera and 6-array microphone for real-time lecture delivery and recording for remote learners

Benefits

- Improved digital collaboration and engagement in classrooms
- Enhanced learning experience for both on-site and remote students
- Positioning the university as a leader in high-quality, hybrid educational programs

General Education School No. 75, Mongolia

General Education School No. 75 is a primary and secondary school with 64 classes and over 2,000 students.



Challenges

- Traditional blackboards **limited teaching efficiency**
- **Low student engagement** in mathematics classes
- **Difficulty explaining complex equations and geometry**
- **Need to strengthen critical thinking and collaboration**

Solutions

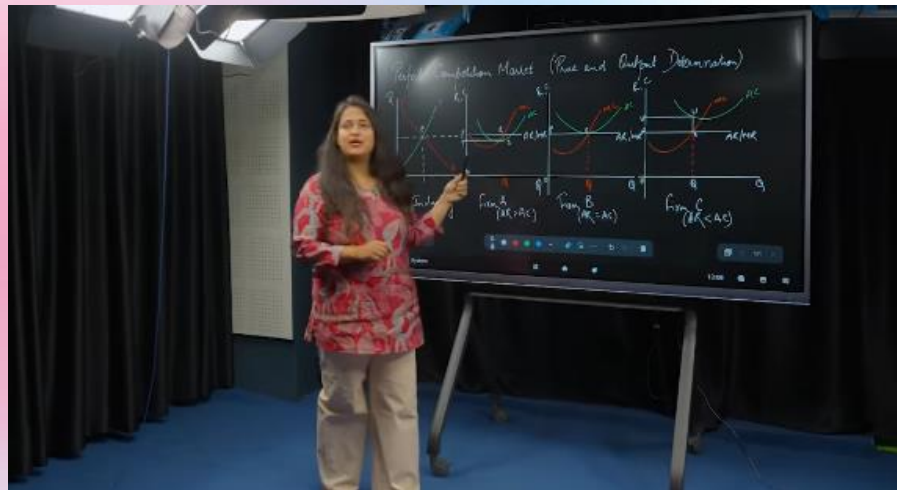
- Interactive displays: **Hikvision 75" 4K Interactive Flat Panels** (DS-D5B75RB/D), deployed in math classrooms
- Precision writing: 20px ultra-fine touch, 2 mm recognition for accurate math writing
- Interactive tools: Digital whiteboard with annotation and QR code sharing
- Built-in system: Android OS with EDUTEN math learning application

Benefits

- More **engaging and collaborative** math lessons
- **Clearer visualization** of complex math concepts
- **Higher student participation** and motivation
- **Improved teaching efficiency** and lesson delivery

Trinity International College, Nepal

Trinity International College offers higher secondary programs like Cambridge A Levels, Nepal's two-year higher secondary education program, NEB +2, and various undergraduate degrees.



Challenges

- Limited classroom **interactivity** and student **engagement**
- The need for **enhancing teaching methods**
- The school was looking for **tools** that would allow them to incorporate visual content, interactive exercises, and collaborative activities into daily lessons

Solutions

- 77 units 86" **4K Interactive Displays** (DS-D5C86RB/B) installed
- These intelligent screens enable teachers to present multimedia content, provide real-time annotations, and facilitate interactive group activities that engage students more effectively

Benefits

- Immediate **improvements in classroom engagement and teaching effectiveness**
- Teachers report that they have fundamentally improved their ability to deliver compelling lessons

Americas



Colegio Mariscal Castilla, Peru



"This technology has revolutionized our teaching approach. We're seeing remarkable improvements in student engagement and learning outcomes. It's exactly the transformation we envisioned for our students' future."

-- Mg. Maria Esther Márquez R., school director



Video available



Challenges

- Traditional classrooms **limiting student engagement**
- Difficulty delivering **interactive, multimedia lessons**
- Need to prepare students for the digital age

Solutions

- Interactive learning: **91" x 75" Interactive Displays (DS-D5B75RB/C)** with:
- 4K UHD, multi-touch, Android system
- Built-in digital whiteboard, speakers, and connectivity (HDMI/USB)
- Supports multimedia, real-time annotation, and online resources

Benefits

- More **engaging, collaborative** classrooms
- Increased student **focus and participation**
- Teachers deliver content with greater confidence
- Simplified access to **digital resources** and **lesson recording**
- Modernized learning environment aligned with **digital-age education**



THANKS



- To read the full case studies, please visit [Hikvision's global website](#).
- To download the photos and videos, please visit the [MPS case study library](#).