

Feyziye Mektepleri Vakfı (FMV) Işık Schools

Samsung's e-Board solution transforms the classroom into a dynamic and interactive learning environment



Overview



Customer Needs

FMV Işık Schools, one of the most prestigious private school in Turkey, needed to deliver a learning experience that would meet the needs of a 21st century education as part of a government initiative to integrate state-of-the-art technology into the public education system. They sought to create a modern, innovative classroom where students could attain the critical skills for future success.

Samsung Solution

FMV Işık Schools chose Samsung e-board solution consisting of a large format display (LFD) screen, Touch Overlay, Plug-In Module, and MagicIWB software enabling the solution to work as a collaborative educational tool and white board. With connectivity to Samsung GALAXY Note 10.1 Tablets, students and teachers could share their screens or even present on the e-board as well as have access to myriad educational content.

Results

Samsung solution transformed classrooms into interactive learning environments significantly increasing technical abilities, availability of information and student motivation. Students and teachers could write on the e-board and annotate on or control myriad educational multimedia with easy-to-use intuitive controls. FMV Işık Schools plans on deploying Samsung e-board solution and tablets to all classrooms at their five campuses.

Customer Needs

The Customer

Fezkiye Mektepleri Vakfı (FMV) Işık Schools

Established in 1885, the time-honored FMV Işık Schools located in Istanbul, Turkey, is a leader and has constantly been the first to adopt the newest advances in educational trends. "FMV Işık Schools has always tried to provide the most advanced and contemporary education," explains IT manager, F. Candan Asal.

The school spans five campuses across Istanbul educating almost 5,000 students and employing 700 teachers with the mission to "Cultivate the good people." It prides itself on aligning with future values and maintaining a progressive attitude to facilitate collaboration and exchange and to "be the pioneers of social transformation."

The school is dedicated to adapting to the future and is taking steps to be a part of the global digital education movement. "FMV Işık Schools is the kind of school that's always open to new technology for the purpose of increasing the level of educational quality," says Sibel Sagner, Principal of FMV Işık Schools. "We have been able to show our parents what we think education should be about in the 21st century".

Collaborative, user-friendly, visionary education solution

In November 2010, the Turkish government passed the FATİH project, a sweeping initiative to modernize the public education system by incorporating the latest technologies into all state schools spanning pre-school to high schools. The government looked to FMV Işık Schools to lead the way.

As one of the foremost schools in the country, FMV Işık Schools was expected to be at the vanguard of this far-reaching education strategy and needed to find the best choice to satisfy their product and software needs. This meant "visionary technology" that could combine with the school's exceptional curriculum "created from 128 years of history to take our students a step further", as Principal Sagner describes.

The educational enhancement the school sought contained multidirectional approaches and they saw the implementation of interactive e-board technology as the prime directive. They viewed it as the core communication and collaborative education tool between students and teachers and wanted this to be at the heart of the new design. Iz Kurumsal's Sales and Deputy General Manager Gökhan Çerçi explains, "FMV is one of the oldest schools in Turkey. Their quality of education is well known, so they give great importance in choosing interactive white board."

In addition to interactive e-boards, they wanted tablets for their students so they could share ideas freely and easily as well as receive information from the teacher in an engaging manner. Each student would also have direct access to rich content and digital learning materials in and out of school. "What we're doing here is the students are taking an active role in both local and international projects," Principal Sagner says. "We're well aware that education has gone beyond the walls of the school now."



İŞİK OKULLARI
Önce İyi İnsan Yetiştirir



Samsung Solution

Interactive Samsung e-Board solution

To modernize their education system, FMV Işık Schools deployed 105 Samsung e-Boards in selected elementary school and middle school classrooms. This solution included a 65-inch ED65C large format display (LFD), Touch Overlay, a Plug-In Module (PIM) and MagicIWB software. All combined, this fully packaged solution acts as a highly advanced collaborative education tool along with the capability of a digital white board. In addition, its easy-to-use design allows teachers to conveniently manage the content and device, while students can participate in the lessons smoothly.

"In the first place, the board has to be easy to use, user-friendly, and has to include advanced features for the fluency of the lessons," explains Gökhan Çerçi. "That's the first and the most important reason for choosing Samsung."

The EDC series direct-lit displays provide crystal clear high-resolution picture and a wide viewing angle with anti-glare screen so it's clearly visible to the entire class. Brighter picture quality and virtually no visual distortion ensure crisp images and visuals that students can easily see and understand.

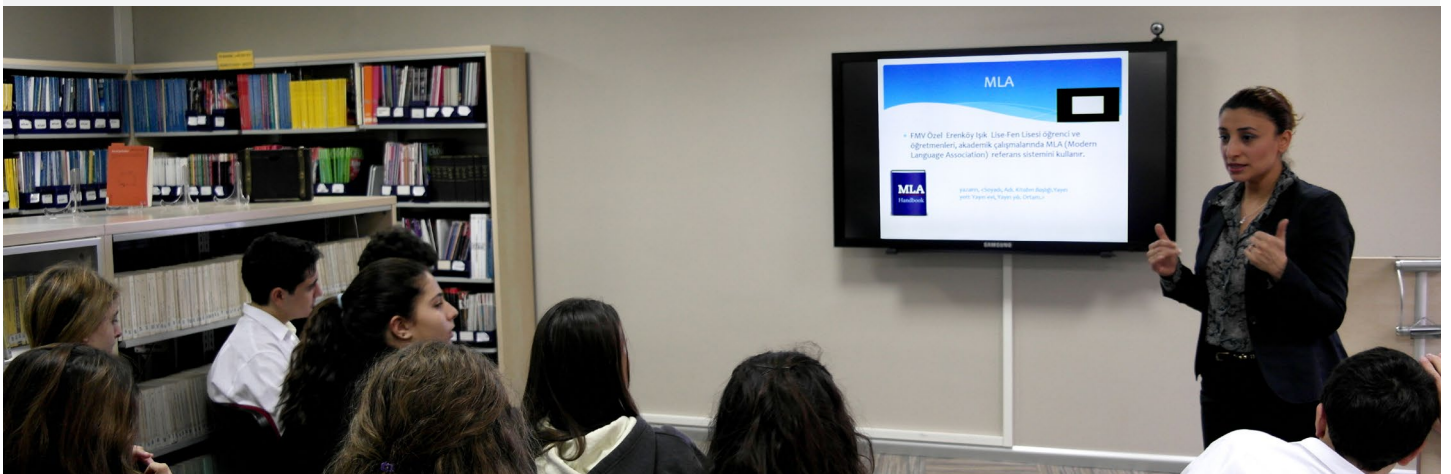
MagicIWB software unlocks the full potential of the display delivering robust features that allow for the easy management and delivery of myriad rich content including e-books, videos, animations, Microsoft® PowerPoint® presentations and Internet content. All shared multimedia content can be directly annotated on providing the capability to quickly and spontaneously exchange ideas or change lessons depending on the direction of the class. This results in highly interactive and much more entertaining classrooms.

With the Touch Overlay, teachers can utilize the screen as a digital white board enabling easy and effective communication of ideas and information to and from students. The handwriting recognition feature allows class members to use their finger or touch pen to write on the board or easily control content. Moving through pages, shifting windows as well as manipulating a floating menu can be accomplished with just a touch.

"We use the white boards to watch education videos, play games," explains Denise, a 6th grader at FMV Işık Schools. "We can write on the white board with our fingers, and what we write we can save it immediately. Then, we can choose to send to teacher or send to friends."

Samsung GALAXY Note 10.1 Tablets provide the ideal accompaniment to the e-Boards as they can connect together to form a powerful unified interactive tool using Allshare Cast technology. Students can then share their screens on the e-Boards or with each other while the teacher can do the same with students. "Interactive white board connects with note 10.1 and Samsung School software, all of which are components of the package providing a unique solution to education," adds Suha Hayal, Educational Technology Coordinator. "This has created a completely new era in relation to this new platform of learning."

Because of its effectiveness and ability to meet all the demands of the modernization initiative, the Samsung solution has been made the standard across all five FMV Işık campuses and will be deployed in every classroom. "We believe that in this field, Samsung is the best choice and they did satisfy our software and product needs," states Hayal.



Results

Digital education for an exceptional learning experience

By implementing Samsung e-Boards consisting of a premium 65-inch LFD with Touch Overlay and integrated PIM and MagicWB software, FMV Işık Schools was able to establish a foundation for educational transformation focused on an enhanced collaboration and student-centric learning.

"Every student is so free to create their own worlds and share it with their colleagues, with their friends," Sagner continues. "We have given the students the opportunity to create a world for themselves and to be able to share it with their peers."

The Samsung e-Board solution created a highly intuitive and immersive experience that engaged students in the learning process, thereby improving the quality of education. "One thing that is very important in an educational sense is the motivation of the students," adds Sagner. "After the deployment of the new technology, interactive white boards and the collaboration with Samsung, the motivation of the students at the FMV Işık Schools has increased dramatically."

Students at FMV Işık Schools were the most vocal advocates of the new technology. "The interactive white board is a product that allows our teacher to provide us rich media. For example videos, web contents, and images other things," explains Mert Kılıçoğlu. "We can use it in lessons to make it more entertaining."

Because the e-board technology is designed with intuitive controls, students and teachers could easily take full advantage of the many handwriting recognition features. This enabled swift and unhindered usage of the white board and incorporated various multimedia educational contents that could then be manipulated as a part of the lesson. With any difficulties in the usage of the board eliminated, classes could run smoothly and more effectively.

Samsung GALAXY Note 10.1 Tablets served as the ideal companion piece to the e-Boards. They connected to ensure a simple, easy-to-use system that would synergize the learning process and "work in harmony as if there is only one simple tool," explains IT manager F. Candan Asal. Students could share their screens with each other or the teacher or vice versa. They could also present their screens on the e-Board for the entire class, which all facilitated greater class participation and engagement.

"As I walk around the class, I can share my screen with my students, and they love it so much. They call it 'magic'," describes a teacher at FMV Işık Schools. "Samsung school project boosts our student's motivation rates and provides interactive learning environment. Even the quietest student can actively participate in the lesson."

The Samsung solution provided a student-centric learning experience that focused on individuals. Students could study at their speed and have the lessons shaped to fit their needs. "Our collaboration with Samsung has helped give the students the opportunity to work on an individual pace, and it has become really easy for us to apply differentiated instructions and strategies in our classes," says Sagner. "It has increased the success level of the students."

"As the global leader in terms of innovations and in terms of technology," Sagner explains, Samsung offered an end-to-end education solution ranging from devices, software, teacher-training, to sales support and after service. It was all integrated to successfully design a highly interactive, student-oriented classroom; one that reflects the highest aspiration of modern education. "The collaboration between FMV Işık Schools and the global leader in that brand, Samsung, has been a great success," Sagner explains. "When it comes all together, it becomes something great. It creates a big success."



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