

Meluha Technologies transforms tablets into personal e-learning devices

Case Study of Samsung SDS EMM

“ We explored multiple options but Samsung SDS was able to quickly provide us with the complete solution which helped us rollout the tablets to students in time before the start of a new semester.

Abhilekh Puttagunta, Director of Meluha Technologies ”

About Meluha Technologies

Meluha Technologies is one of the fastest growing edu-tech startup companies based out of Hyderabad, India. It provides an e-learning platform and content needed for educational demands of senior secondary and secondary students in India.

Meluha Technologies is the only pioneering company that provides an integrated board curriculum, along with competitive examinations related to engineering, medical and commerce streams.

Although Meluha Technologies was able to provide their e-learning platform and content to students, they needed a device which could complement their unique selling point so that students could become more engaged in their learning experience.

Challenges

Meluha Technologies wanted to give students tablets loaded with their e-learning platform and content, so that students could have access to content anytime and anywhere. However, Meluha Technologies was concerned about content security and tablets being misused for purposes other than studying. Also, long battery-life was critical since the tablets will be used to play numerous video content. Most importantly, the tablets needed additional controls to protect the underlying platform and prevent students from adjusting the settings.

For this objective, Samsung SDS and Meluha Technologies joined hands to provide the “Edu-Tablet” secured with Samsung EMM(Enterprise Mobility Management) solution that could serve as a personal tutor delivering the provision of online self-study with mentor support.

With the complete solution from Samsung SDS, Meluha Technologies was able to quickly provide the secured Edu-Tablets to students to help them avoid distractions and focus only on their education.

Both teachers and students find it far more convenient to impart and access education, and parent feedbacks were also extremely positive.

Solution

- Samsung SDS provided 1000 Samsung tablets(10 inch) with cloud-based EMM solution, which enabled Meluha Technologies to remotely configure a large number of Samsung devices and tailor them to specific needs.
- The tablets work on 6100mAh batteries, which allows students to use the tablets for more than 24 hours with a single charge.
- The EMM solution locked the devices into a Kiosk mode which only allowed the Edu-App to run, and access to all other applications was blocked so that the tablet could only be used for education purposes.
- USB and Bluetooth was blocked using EMM for any data transfer from the tablets, thereby ensuring the security of the education content.
- With EMM, the Edu-App was automatically installed on the tablets, and updates of the App could be pushed without any user intervention.

Benefits and Value Proposition

- Increased accessibility to education : Students can be connected to their school, teachers, assignments and course material anytime and anywhere.
- Lighter school bags : Students can access all their textbooks and course materials, assignments, and time table from their mobile device, making it a virtual school bag, in place of multiple heavy books and education material.
- Increased interaction : Teachers can facilitate group discussion, explain exercises, and deliver quizzes and results. Students can ask for homework assistance and teacher feedback.
- Self-paced learning : Differentiated learning allows user to read content of their choice on their own pace.
- Long battery life : Usage time is more than 24 hours on a single charge.
- Easy content control : New content can be updated anytime with complete control and security over content.

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