

# Samsung Education Solutions create a new learning environment

Students and teachers in Croatia are empowered with improved education through Samsung digital technology



## Overview

### Business issue

As part of becoming a new European Union accession country (as of July 2013), the Croatian government wanted to introduce an educational service improvement initiative. The project's goals were to establish a new standard system for classroom usage with advanced technological learning and teaching, and to deliver education to primary and secondary students in remote and rural locations. The project, implemented by the Croatian Academic and Research Network (CARNet) government agency, would utilize the schools 2.0 project to establish the standard for K12 education in Croatia, benefiting all Croatian schools.

## Solution

Samsung Education Solutions enable CARNet to combine a classroom environment with eBoards and a Polycom videoconferencing solution\* that provides distance learning combined with Samsung Education offerings.

Following are Samsung Education offerings included in this solution: Samsung GALAXY Note® 10.1 with software; Wi-Fi 16G and 65-inch Interactive White Board (IWB); AllShare Cast dongle and keyboard.

\*The Polycom videoconferencing solution is a teleconferencing solution that a teacher can use to remotely deliver classes on Samsung displays.

## Results

The solution created a better learning environment that provides engaging education between students and teachers in the Croatian schools. The solution technology was easily implemented by the schools.

**“Every child should have the best possible learning environment giving them the best chance to succeed. Future is bright for Croatian education.”**

- ARJANA BLAZIC, Teacher  
High School in Zagreb, Croatia

# Help teachers engage students while providing advanced classroom management

## Challenge

First, the Croatian government wanted to establish a new standard system for classroom usage that addressed the following challenges.

Educator challenges:

- Ascertaining different levels of students' understanding was difficult.
- Teachers found it hard to keep students engaged and focused.
- The classroom lacked personalized teaching.

Student challenges:

- Students needed learning interaction instead of lessons that were presented in only one way.
- Information was fragmented.
- Communication required a great deal of effort.
- Too many materials were required.
- Access to communication tools and information was limited.

Second, the government sought to provide high-quality, comprehensive distance learning and e-learning to remote and rural locations with a consistent quality of education.

## Solution

### Samsung School solution

Samsung School solution is a total education offering designed to delight students and teachers alike with its innovative teaching and learning tools. The advanced Samsung School solution helps teachers engage students in the learning experience and offers classroom management at heightened levels of efficiency and performance.

### Samsung GALAXY Note 10.1 Wi-Fi 16G

Samsung GALAXY Note 10.1 combines technology and smart thinking to boost productivity and performance across a wide range of sectors. Measuring 10.1 inches, it contains a split-screen facility to enable a true multitasking approach to work and allows users to simultaneously run two programs. Efficiency is further enhanced by the powerful Quad-core processor and RAM memory capabilities. Wi-Fi technology connects Samsung GALAXY Note 10.1 devices, enabling students' collaboration and interaction. The highly sensitive S Pen aids in the rapid distribution of accurate and legible notes, while S Note provides a range of templates and features to help

users create professional and consistent documents. Highly portable, Samsung GALAXY Note 10.1 is compatible with abundant dropbox and other cloud storage solutions, and comes complete with a host of features that can be fully customized to empower users.

**"I really enjoy the Samsung School Solution. I love working on a tablet. And it is nice to get closer to children with the technology, and in a way leading them towards the future. Samsung made an excellent project. I think it is great that it helps the community to evolve in technology."**

- SONJA LUSIC RADOSEVIC, Teacher and Administrator  
High School in Zagreb, Croatia

### Interactive White Board (IWB) 65"

Combining the simplicity of a whiteboard with the power of a computer, the Samsung ME65B display and touch overlay module form an interactive whiteboard that enhances almost any learning environment. The results include increased student participation, better visual presentation and more efficient lessons.

### AllShare Cast dongle

AllShare Cast dongle wirelessly streams pictures, videos, music and more from AllShare cast-enabled devices. With AllShare cast technology, content from the teacher's tablet devices is wirelessly transmitted to the interactive whiteboard.

## About the client

The Croatian government's Ministry of Education assigned the CARNET agency to lead all technological developments and projects in connection with education, with a special focus on K12 education. It is in the Croatian government's supreme interest for CARNET to deliver the best possible solutions for education and set standards to the highest level.

CARNET received the EU award for the most innovative initiatives in the category of Initiative for the Education and Research of the European Prize for Innovation in Public Administration. The aim of this project is to enable high quality and comprehensive distance learning and e-learning for an increasing number of users, including both educators and students.

# Transform the learning experience, empower teachers and inspire students

## Benefits

### Empower educators while engaging and motivating students with a new standard system for classrooms

Samsung solutions allow teachers to create more engaging, personalized lesson plans, resulting in a classroom of students with the critical skills necessary for a knowledge-based economy.

With Samsung education technology for each classroom and every child, schools can empower teachers and inspire students. More than 85% of administrators and teachers believe that technology has the power to transform and improve learning.<sup>1</sup>

### Make learning more engaging

For the 21st century, tech-savvy kids need a different education with new learning technologies, such as Samsung Education Solutions, an advanced peer-to-peer learning system using Samsung GALAXY® tablets, eBoards and single-panel displays. Within the Croatian schools, Samsung Education Solutions link teachers with students and students with each other. So, students can learn from each other's successes and mistakes.

S Pen enables teachers and students to take private notes on their devices during class using the S Note function. The S Pen provides responsive, pressure-sensitive handwriting functionality for a realistic writing experience.

**"We are more focused. And it is easier to learn."**

- TEA KOS, Student

### Offer a more personalized learning experience

Each student has a tablet, and the teacher has master computer that can be logged into any student's tablet to view the students' activities and track their progress. With Samsung technology in place, teachers can view how students are doing and gauge their own efforts to create a positive experience for everyone.

### Easily implement and integrate new technologies

With Samsung Education Solutions, the implementation of new technologies is simplified for administrators. The solutions enable the integration of technologies into schools, which is just as important as creating an enhanced classroom. With a broader range of products that offer truly integrated solutions, the Croatian school classrooms have begun a learning experience for all participants. Key differentiators were ergonomics, ease of use and compatibility and integration with existing systems.

### Provide high-quality, comprehensive distance learning and e-learning

The solution connects remote and rural areas in Croatia, and enables the same quality of education for smaller rural areas as those in metropolitan locations.

**"We wanted a partner who not only created world-class technology but who could help us integrate it into our schools as well."**

- ZVONIMIR STANIC, Director  
Croatian Academic and Research Network

**"This new approach keeps my students more engaged. They are more interested in what they are learning and they are more creative."**

**"Samsung School Solutions make my students more independent. Samsung changes the way I teach for the better."**

- ARJANA BLAZIC, Teacher  
High School in Zagreb, Croatia

**"Samsung cares about people, cares about not just business. Samsung really wants to help us to make better education in Croatia."**

- ALEN LUDAS, Parent

## Legal and additional information

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### For more information

For more information about the Samsung Education Solutions, visit [www.samsung.com](http://www.samsung.com).

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1. ICEAC Validation Workshop Survey, Seville, June 2010

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