

Team AdVance™

In pursuit of the educational goal

ST Electronics leads a consortium in its bid for the Implementation and Operations of the Standard Operating Environment (SOE) for Schools under the Ministry of Education (MOE). This is one of the mega ICT (Information Communications Technologies) projects tendered out by the Singapore Government. ST Electronics' key consortium partner is Hewlett-Packard (HP) Singapore.

The objective of the Consortium, named Team AdVance™, is to provide Advanced ICT solutions and services to realise the Vision of an Agile, Networked and Collaborative environment for Education.

A Robust Partnership Tested Through Time

The ST Electronics and HP partnership spans decades and involved close strategic collaborations in many projects. These include a gamut of e-Government solutions for many sectors, including transportation, security and education. The companies provide a comprehensive offering of proven capabilities in security and mobility solutions, desktop and system solutions, as well as network, data centre and facilities management.

For mega projects like the SOE, ST Electronics works with, and leverages on the key domain and specific expertise of its project partners.

ST Electronics derives strength from its ability to integrate various solutions

and services seamlessly to deliver the required solution to the customer for the desired outcome. The capabilities of the partners are synergised to strengthen these solution offerings. This is particularly true of the ST Electronics-HP relationship that has proven to be strong and resilient over more than two decades, resulting in many successful projects.



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Strength in the Educational Sector

ST Electronics and HP have been involved in, and engaged with the educational sector for many years. They have accumulated intimate knowledge of the ICT landscape both in Singapore and overseas.

In the learning and teaching domain, ST Electronics' expertise in educational solutions extends far beyond Singapore. Since 2005, more than 1,100 schools in Kazakhstan have benefitted from its solution,

the Multimedia Education Resource Interactive Teacher System (MERiTS), and it has trained over 1,500 teachers to use the system. MERiTS allows for multi-faceted levels of participation by anyone who has an interest or connection to education.

Working closely with pedagogy consultants, the Ministry of Education in Kazakhstan and local teachers, ST Electronics developed courseware and contents in Kazakh, Russian and English languages, and tailored them to the requirements of the schools.

In Singapore, ST Electronics has implemented ICT infrastructure and networks for schools and Institutes of Higher Learning, while HP provides IT Services for a large number of schools. HP's global experience in education and learning are excellent references for the solution team to develop new cutting-edge education solutions.

In November 2008, ST Electronics organised a seminar, 'My Learning Space – a New Paradigm' in Singapore's Swissotel Hotel. This was attended by more than 300 educators. ST Electronics shared its vision and experience on adopting ICT for Learning and Teaching in the new Paradigm. July 2009 saw the ST Electronics-HP alliance jointly sponsoring the MOE's 9th World Convention of the International Confederation of Principals (ICP) 2009 and its other networking events held in Singapore. About 1,500 school principals from more than 40 countries attended the ICP.

ST Electronics and HP are now developing solutions for three of the five schools identified under the Future Schools initiative in Singapore. The schools are Beacon Primary School, Hwa Chong Institution and Crescent Girls School. Under the collaboration programme, jointly called by MOE and iDA, a new paradigm in the adoption of ICT for Learning & Teaching pedagogy will be created. This is a testimony of the team's strong commitment to participation in the transformational journey of Singapore's education scene.

SOE for Schools Programme

To harness the strong domain and best-in-breed technological innovations, ST Electronics formed a dedicated multi-functional team comprising members across various Strategic Business Units (SBUs) working closely with many teaming partners and leading product and technology vendors. The aim is to extend the breadth of this multi-vendor approach in providing solution architecture designs for the SOE for Schools project. These partners include HP, SingTel, Microsoft, Fujitsu Asia, Cisco Systems, Alcatel-Lucent, iCell and Deloitte among many others. Team Advance™ has been preparing for this project for the past 18 months, and aspires to participate in providing its solutions and services that it is confident will pave the infrastructure and computing foundation needed to support the current and future needs of the schools in Singapore.