



The views expressed in this paper are the views of the author and do not necessarily reflect the views or policies of the Asian Development Bank Institute (ADBI), the Asian Development Bank (ADB), or its Board of Directors, or the governments they represent. ADBI does not guarantee the accuracy of the data included in this paper and **accepts no responsibility for any consequences of their use**. Terminology used may not necessarily be consistent with ADB official terms.

HP in Education: Teaching tomorrow's leaders

Alvin Chan
Regional Marketing Manager
Public Sector, Health & Education
Asia Pacific & Japan

© 2005 Hewlett-Packard Development Company, L.P.
The information contained herein is subject to change without notice





“Technology helps us to see what areas our education system is addressing and strategically focus resources best. Students in this digital generation across the nation are growing up differently and our educational institutions need tools and strategies to keep up with the transformations of this information age.”

U.S. Secretary of Education
2004

HP Vision

HP is dedicated to assisting educators create the leaders and citizens of tomorrow.

By making technology accessible for learning, collaboration and innovation, HP partners with educators to make the job of teaching and learning easier, more effective and fully enabled with the latest technological advances.

Change is inevitable. Change is good.

- Students are the change agents – they are the new learners
- Students demand new solutions and freedom to learning in different ways
- Institutions want to meet student needs
- To achieve this, schools need to use resources efficiently and cost-effectively

Kuppam i-Community



Teaching & Learning chronology

The school computer
1985

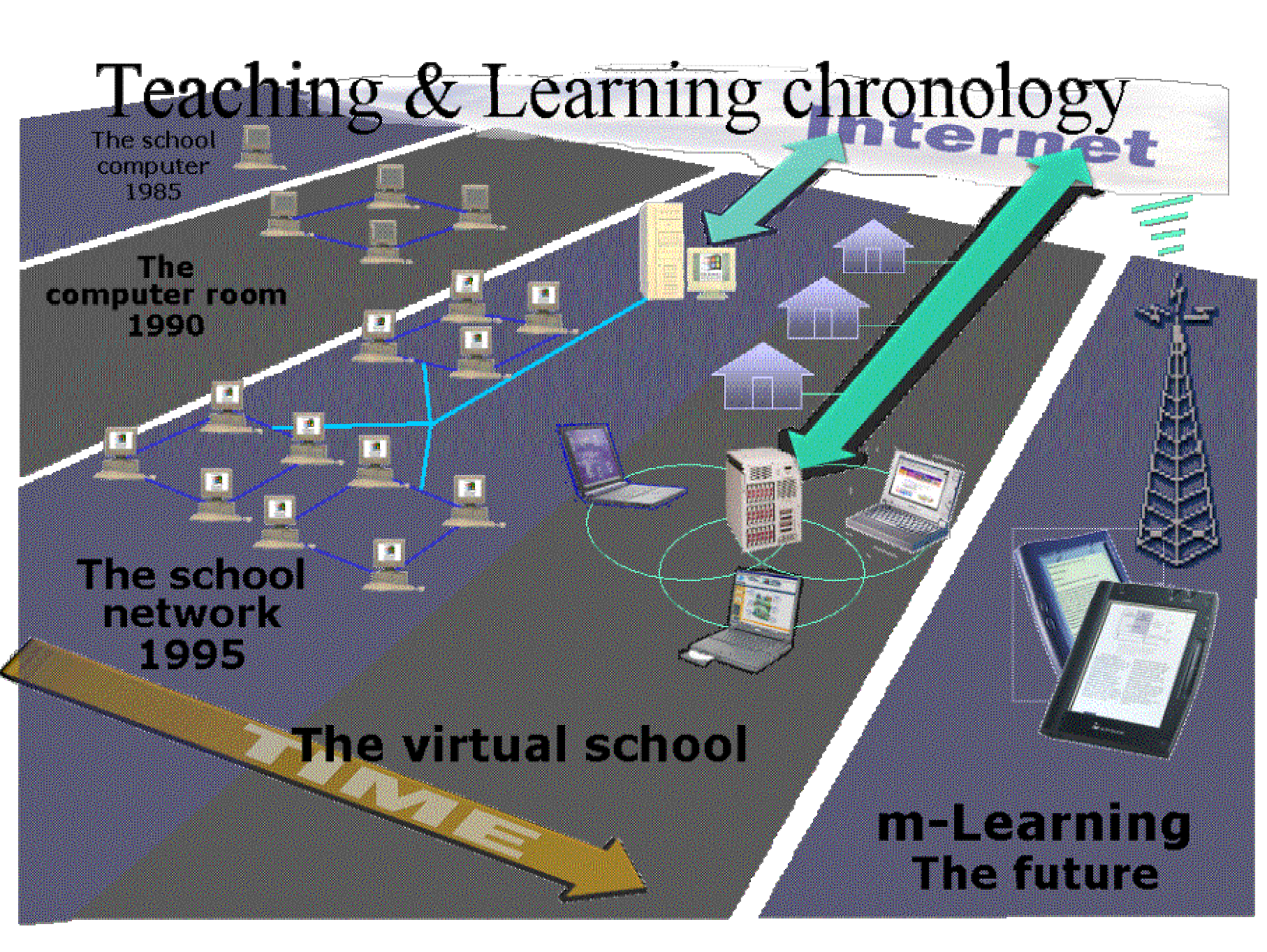
The computer room
1990

The school network
1995

TIME
The virtual school

m-Learning
The future

Internet



Transforming the learning experience

In education, transformation means enhancing the learning experience for students, simplifying the way educators deliver and manage their curriculum and providing parents with the most up-to-date information about their child's learning progress.

And though the classroom has not fundamentally changed over the last century, the students have. Expectations about the role technology should play in a learning environment also have evolved dramatically over the years, and while technology is not a substitute for teaching, it is a great tool to enable learning in new ways, from developing a collaborative environment to new visualization solutions to enhance a project or lesson.



Through the Adaptive Enterprise framework, HP provides comprehensive suites of e-learning, business and management solutions to help institutions manage and respond to changes more rapidly, and to be better aligned with their IT investments with business drivers - this enables institutions realize a significant return on their IT investments.





Classroom 2000, Northern Ireland


Delivering world class educational experiences

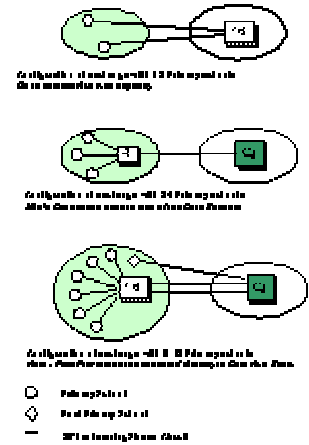
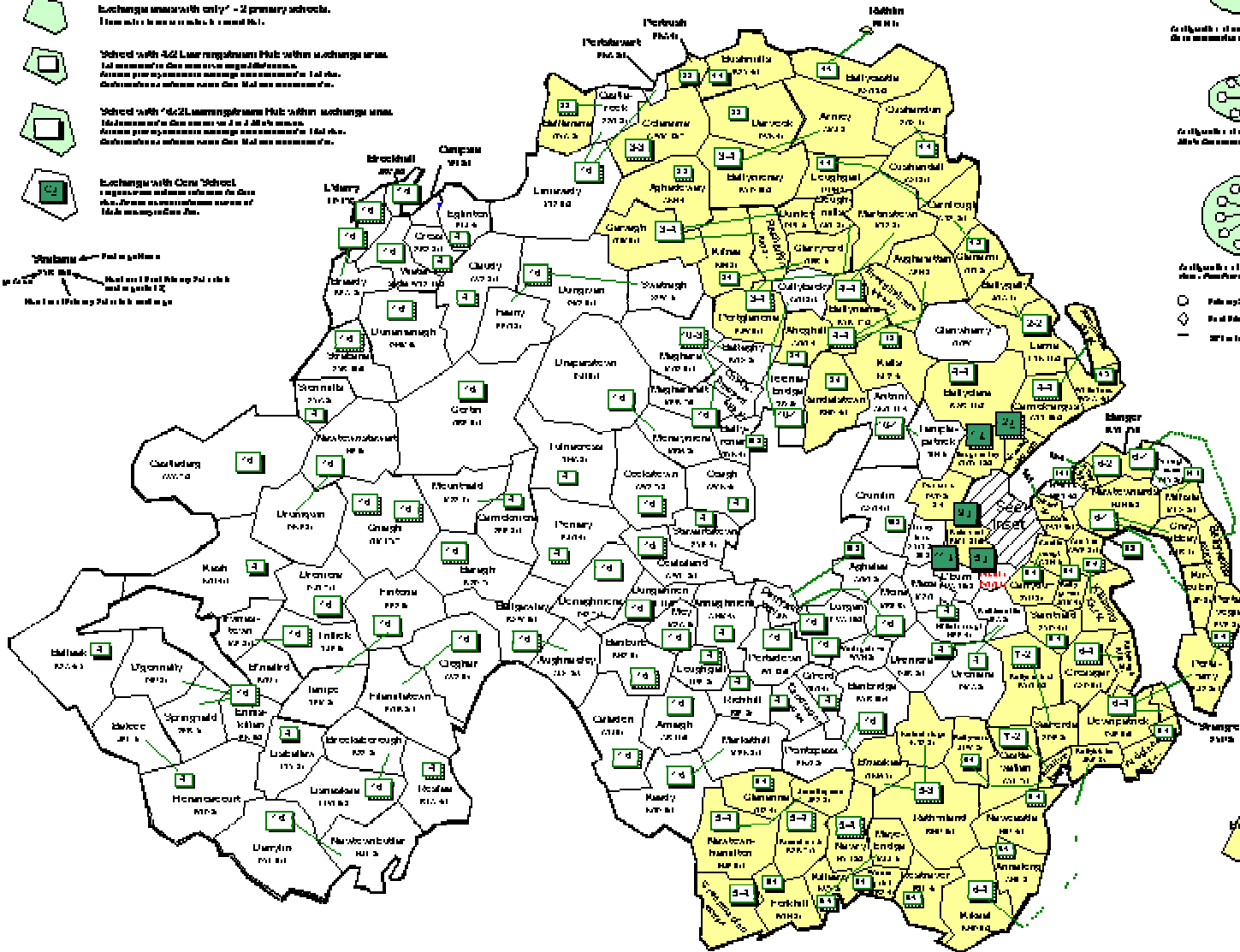
Challenge	Solution	Result
<ul style="list-style-type: none">• Improve Northern Ireland's quality of education• Provide a technology infrastructure flexible enough to cope with the demands of 330,000 pupils and 20,000 teachers in 1,200+ schools and universities	<ul style="list-style-type: none">• Implementation of the world's largest e-learning project• HP is providing the project leadership and technology infrastructure• All individual school networks linked into an online data center through a single adaptive infrastructure	<ul style="list-style-type: none">• E-mail addresses and internet access for all teachers, students, and family from home and school• A wider range of resources will be available for both teachers and pupils• Collaboration will be possible through e-mail, text, and video conferencing

Classroom 2000 (cont'd)

HP Network Overview for C2K

-  Exchange areas with only 1-2 primary schools. These are the most difficult to install.
-  School with 4-22 Learnerstations Hub within exchange areas. All schools in this category are 2000/2000/2000. Access to the network is through the school's LAN. Distribution is done via the school's network.
-  School with 4-22 Learnerstations Hub within exchange areas. All schools in this category are 2000/2000/2000. Access to the network is through the school's LAN. Distribution is done via the school's network.
-  Exchange with One School. A separate network is used for the school's LAN. Distribution is done via the school's network.

 Exchange with One School
 A separate network is used for the school's LAN. Distribution is done via the school's network.



School Status

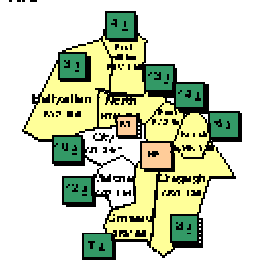
Total Number of Schools: 100

Group Breakdown

- Number of Schools: 40
- Number of Schools: 20
- Number of Schools: 20
- Number of Schools: 20
- Number of Schools: 20
- Number of Schools: 20

Core Hub Sites

1. Core Hub Site 1
2. Core Hub Site 2
3. Core Hub Site 3
4. Core Hub Site 4
5. Core Hub Site 5
6. Core Hub Site 6
7. Core Hub Site 7
8. Core Hub Site 8
9. Core Hub Site 9
10. Core Hub Site 10



C2K Video – Success Story



“We chose HP for their innovative approach to developing and leveraging our infrastructure, their understanding of how our needs may evolve over time, and their ability to leverage relationships with strategic partners.

As a result, C2K sets a world-class benchmark for e-learning.”

Jimmy Stewart
Director
C2k

Singapore - National Institute Of Education

Boost productivity with customer centric eServices



National Institute of Education (NIE) is the sole teachers' training institute in Singapore and a part of the Nanyang Technology University.

Business challenge →

- Disparate sources of information
- Need to transform from a “silo centric” departmental culture to “customer centric” service organization
- Non standard processes and practices resulting in redundancy and inefficiency in the way content is created, managed and distributed

HP solution →

- A ‘self services’ campus portal platform
- A content management strategy and foundation platform are being implemented as a shared service to create, manage & publish content to the Portal, Institute-www site and other intranets.
- Customer centric design of the e-services portal ensures staff can quickly access any content & services

Benefits/results →

- Greatly improves and reinvents the 'portal' experience with enhanced services and functionality
- Effective dissemination and control on applications and information
- Enhances self-service, empowering individuals to take control
- Facilitates management of 'personal' content, services and applications by blending 'life' and 'work'
- Cost savings through simpler business processes and organized operations

“HP provided us with the best possible partner experience. They were receptive to our suggestions in making the portal the best it could be to suit our needs. We need to be real partners because only together could we have worked out a solution.”



Associate Professor Philip Wong,
Divisional Director of the Academic Computing and
Information Services, NIE

Tomorrow's leaders





Thank
You

IMAGINE.... A teacher gives a pop quiz, monitors the students' answers, compiles grades, analyzes the areas with the lowest scores, and re-teaches that lesson—all in the same class period.