

# UWC South East Asia Transforms Print Infrastructure to Support Teaching & Learning



“We were looking to provide state-of-the-art integrated print, copy and scan functionalities to our teachers and students in a cost-effective and manageable way. The combination of Fuji Xerox devices and Equitrac software has done this perfectly.”

– Ben Morgan  
Director of IT  
UWC South East Asia

## Background

As Singapore’s leading international school, United World College of South East Asia (UWC South East Asia) is renowned for providing a challenging, values-based education to its diverse student population, ranging from age 4 to 18. UWC South East Asia combines academic excellence with dynamic outdoor education, activities and service learning programmes to create a life-defining experience for international students. With the official opening of East Campus in December 2011, UWC South East Asia will accommodate 5,400 students in its Dover and East Campuses by 2015.

## The Challenge

In 2009, the management at UWC South East Asia decided to make dramatic improvements to their enterprise printing infrastructure at the Dover Campus. They wanted to significantly reduce the number of devices to simplify management, increase the number of functionalities for its users and track the amount of prints.

At the time, the Dover Campus population of close to 3,000 students and over 400 staff members depended on a non-integrated

assortment of more than 200 standalone printers and copiers. This printing set-up made it very challenging for UWC South East Asia to manage and track the print usage. The different offices and print terminals further compounded the challenge of maintaining efficiency and sustainability.

Apart from the challenge of maintaining the devices, there were limited functionalities as the devices were not capable of meeting the users’ evolving printing needs of colour printing and scanning.

Being conscious of their impact on the environment, the management at UWC South East Asia also wanted a print solution that encompasses sustainability in its entire product life cycle in terms of energy consumption, toner usage and other green policies to reduce the overall carbon footprint. With a print volume of more than 7,000,000 pages per year on A4-size paper alone, they were keen to reduce this number and reduce the cost of print at the same time.

Fuji Xerox, with its continuous efforts on green initiatives and proven track record in providing enterprise print solution, was chosen by UWC South East Asia to transform its print infrastructure.

# Transforming print infrastructure

## Supporting education through technology

### The Solution

With UWC South East Asia's unique and diverse environment that consists of thousands of students ranging from age 4 to 18, hundreds of teachers and office staff with different print requirements, a turnkey solution would not meet their needs.

Fuji Xerox assessed and understood the needs of UWC South East Asia and thereafter implemented solutions that would transform its print infrastructure:

- A comprehensive restructure of the print infrastructure that would reduce the 200+ standalone printers and copiers to just over 50 Multi-function Devices (MFDs) at the Dover Campus. At the East Campus, only 20+ MFDs were deployed
- User-friendly MFDs with colour print, copy and advanced scan-to-email capabilities
- Fuji Xerox 4112-CP Production Systems that support high-volume colour and booklet printing, and folding/ stapling functions in A3 and A4-size paper.
- Equitrac Office software, which enables across the board tracking of individual device's and user's print volume

Throughout the discussion, Fuji Xerox worked closely with UWC South East Asia to understand their requirements, demonstrate how the solution works and came up with one that best suited their environment.

According to Ben Morgan, Director of IT at UWC South East Asia, Fuji Xerox was determined to find a solution for them. "It was interesting that a number of vendors did not continue with the engagement once they heard our range and scope of solutions required, but the Fuji Xerox team stuck around to work out a solution for us."

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### The Results

The ability to monitor and track each user's print volume has enabled UWC South East Asia to realise a 25% paper reduction. They reduced its annual paper consumption from 7,000,000 to 5,000,000 pages one year after the deployment, a significant achievement considering the short time-span of the implementation.

Designed with the environment in mind, Fuji Xerox's devices have improved the sustainability performance for UWC South East Asia through low energy consumption, energy-efficient toners and the remanufacture or recycling of used machine parts at their end-of-life.

The reduction in paper consumption, coupled with the cutting edge environmental technologies used in Fuji Xerox printing devices, has enabled UWC South East Asia to reduce its carbon footprint substantially.

Besides that, teachers and students can now print, copy and scan in colour at lower costs, embracing modern technologies that support teaching and learning in a networked print environment. Teaching materials and assignments can be printed in various forms such as a stapled booklet using the Fuji Xerox 4112-CP Production Systems.

Building on the successful implementation in its Dover Campus, UWC South East Asia embarked on a similar print management system in its newly opened East campus in August 2011.

Thanks to this strategic partnership, UWC South East Asia is able to transform its printing environment to meet students' and staff demands for a better printing solution, achieving sustainability and controlling costs.

### Case Study Snapshot

#### The Challenge

- Non-integrated print environment with more than 200 standalone devices
- Standalone devices made management and tracking a huge challenge
- Limited functionalities – no colour print and scan features
- High environmental footprint due to huge print volume

#### The Solution

- Restructured print environment
- Consolidated and reduced devices from more than 200 to 50
- Implemented Equitrac Office for tracking purposes
- Deployed MFDs that have colour print, copy and scan capabilities
- Deployed Production Systems for high-volume and booklets printing

#### The Results

- Eased management of devices
- Enabled tracking of individual device and user print volume
- Reduced teachers' print volume by 25%
- Reduced annual paper consumption from 7,000,000 to 5,000,000 across the board
- Reduced carbon footprint
- Achieved lower cost per print, especially in colour prints



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