



Message from the Editor



New Look for YIH Underpass

Herbal Goodness on Campus

Refuse-removal by 'Rear Loader Weighing System'



Behind The Scenes - Logistics Support Team

Look Good and Feel Good in Uniform

Electronic Key Management System at Campus Security



Staff Feature- Madam Nallamal

Social Activities- My Kelong Weekend Getaway (9-10 October 2004)

Handy Tips



Take part in our contest



Contest Result

Electronic Key Management System at Campus Security

by Benjamin Thong

In August 2004, Campus Security invested in a fully automatic electronic key management system to enhance efficiency and responsiveness in managing and tracking the number and movement of keys in our huge campus.

Previously the Team Leaders and Security Assistants had to put up with the tedious and cumbersome task of manual record keeping on thick log books. Much time was wasted on personnel resources to monitor and track unreturned keys and unauthorised removal of keys. Now with this intelligent electronic key management system, all these problems have become a thing of the past as it enables Campus Security to streamline and enhance our key administration and management automatically.

This innovative key management system operates on a contactless reading technology, which utilises a newly patented device that combines field proven RFID (radio frequency technology identification) with a unique locking mechanism to identify and secure the key tag.

The authorised user has to identify via a contactless smartcard (staff card) and can only gain access to the assigned keys which the user is authorised to draw out. Access to the keys is secured with the presence of alarm and a specially designed roller shutter which opens automatically and allows removal of keys only by authorised users. The level of secured access and management of keys is further enhanced by the various alarm features and software set-up in the main terminal.



All information about users, keys and access rights are stored in a terminal. The system automatically registers information on who has taken or returned which key/s and when. This information builds into an easily accessed database that gives immediate traceability of which personnel is responsible for each key at any given time. A software link to a PC allows full activity reporting facilities.

The integrated contactless key tag reader in the terminal also provides a quick and error-free method of returning keys. When drawing keys out the terminal display promptly informs users if the required key is available or if it is currently with another user.

With the aid of such an innovative and intelligent device, the key management and administration is very efficient contributing to more value added and responsive service to the NUS community.

If departments and faculties are interested in getting this key press system in your offices, please feel free to contact: Benjamin Thong (Assistant Manager Campus Security & Car Parks) at oedtty@nus.edu.sg



Email Benjamin at oedtty@nus.edu.sg

your feedback and comments on [Electronic Key Management System](#)



Extracted from NUS website <http://www.nus.edu.sg/oed/issue5/eKeyMgt.htm>

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