

Press Editorial

Many schools are now using an intelligent key cabinet system that comes with advanced RFID technology to control and track the constant movement of their keys

- In an emergency, do we know who has the keys?
- Who has taken the key to the science laboratory?
- Who was the last person who accessed to the computer room?
- How come the key to the auditorium was not returned?
- Where does this lost key belong to and who has misplaced it?
- Are you duplicating too many keys?



Now there is a way to control, track and record the movement of each and every key of the school. This intelligent system is called the **proxSafe key management system**.

This amazing and intelligent key cabinet system is able to control and manage automatically the many important keys belonging to your school's science laboratories, music room, computer room, principal office and library.

What is this proxSafe key cabinet?

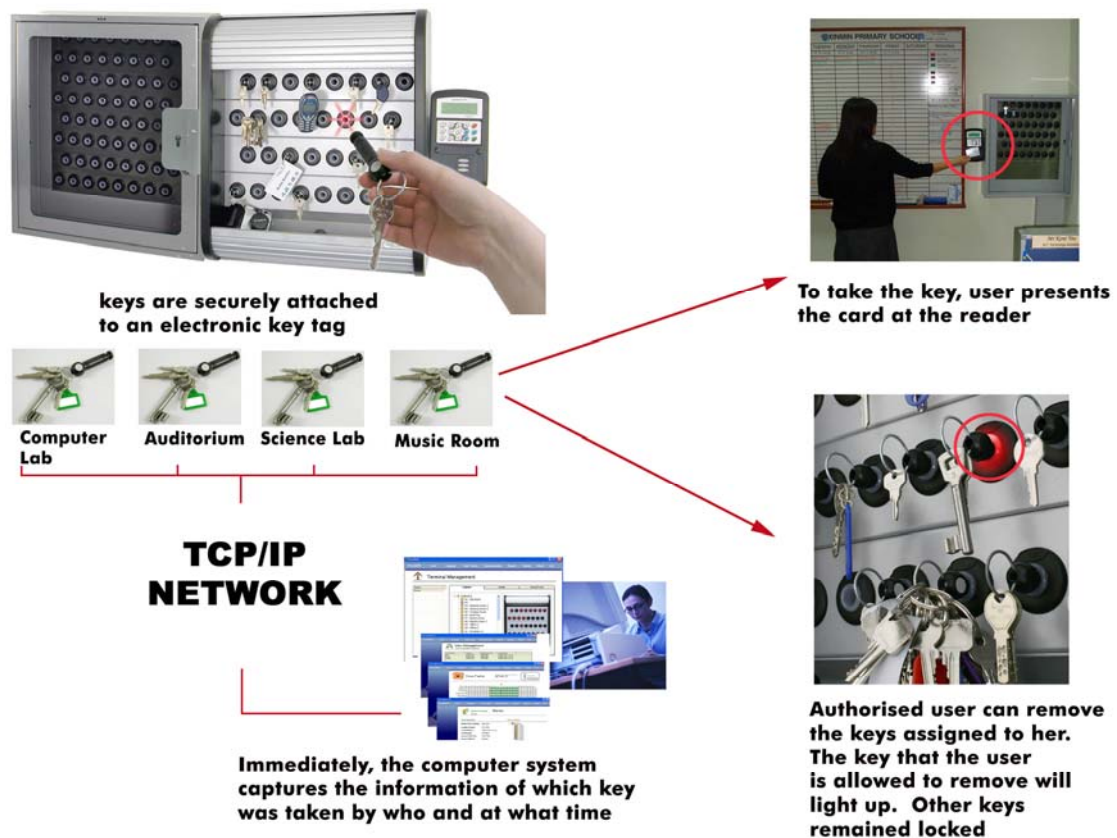
proxSafe is the brand name of this intelligent key cabinet system. This system was designed and made by a German engineering company. It uses an advanced technology called ♦ *Radio-frequency identification (RFID)* to operate the system. You do not need to station a person to manage the school keys. The key cabinet operates

♦ *RFID - This is a method of identification through the use of radio waves. This identification takes place through the use of transponders that allow the storage and retrieval of data.*

electronically and automatically by itself. The proxSafe ensures that only authorized school staff is allowed to take the keys and that every key taken and returned will be automatically recorded showing user name, date and time.

How does the proxSafe key cabinet work ?

The whole operation of this system is very easy and yet provides complete control and security to the school. There is a choice of two types of cabinet housings. One comes with a roller-shutter to save space and another with the conventional clear glass door. The keys cannot be removed unless you are assigned to the keys with a programming code and access card. The keys and even objects such as mobile phones and digital cameras are securely attached to an electronic key tag and locked in the key slot of the cabinet. Every key tag has a unique number that is identified when it is removed from and returned to the key cabinet.



To remove the keys, the authorized user flashes his access card (e.g. contactless smartcard or even the EZ-link card) to the reader terminal at the cabinet. Ailluminated light will pop up to release the assigned keys while other keys remain securely locked. Once this key is removed, the computer system instantly and automatically records

which key has been removed by who and at what time. An alarm can also be set for overdue or missing keys.

All information about the users, keys and access rights are stored in the reader terminal and driven by powerful software. This information builds into an easily accessed database that gives immediate records and histories of the movement of the keys.



Be it a few keys or thousands of keys, proxSafe comes in a unique modular concept that is easily expandable with a choice of different housing. The system is totally network friendly too.

Benefits of the proxSafe Key Management System

- (1) No more time-consuming and manual record-keeping of the keys
- (2) No more wasting time and headache chasing return of keys
- (2) Fast and easy to monitor who has taken the keys
- (3) Saving of manpower costs as there is no need to deploy a person to issue and record the school keys
- (4) Encourage ownership and accountability of keys, therefore less incidents of lost keys

Using such technology-driven key management system is just one of the many new approaches and technologies that schools are constantly seeking to improve their work administration and efficiency. Obviously, many school staff are happy to be freed from the mundane task of manual record-keeping of the keys and be better deployed to do higher productive tasks.
