



**proxSafe®**

## The revolutionary RFID electronic keys and valuables management system

proxSafe® keys and valuables management system from Coselec Pte Ltd offers an intelligent solution for managing and tracking of keys and valuables. With proxSafe®, key management has taken a new dimension and revolutionised the way how keys can be efficiently and effectively managed and controlled utilising state-of-the art RFID (radio frequency identification) technology.

**T**he multiple awards winner proxSafe® is an intelligent and innovative electronic key management system offering ingenious management of not just keys alone but valuables as well. Its winning combination of high-end German technology, quality engineering and distinctive design that boasts of innovative features, powerful web-based software and versatile housing designs have to-date garnered three prestigious international product awards (Preventica Award in France, Merlion Award, Asean Category and Merlion Award, International Category).

### Most Reliable Identification Technology : RFID

Be it a few keys or thousands of keys or safekeeping valuables such as mobile phones, gadgets and tools, proxSafe® makes it possible to achieve complete control and total accountability of these keys and valuables. Driven by the state-of-art RFID technology, proxSafe® system is fully automated. Unauthorised key removals, untraceable keys and cumbersome manual records-keeping are now things of the past as proxSafe® system automatically provides answers to the every movement of the keys with its instant and accurate audit trail reports.

The keys and valuables are securely attached to a durable manipulation proof

key tag by means of tamper-proof steel key rings and fixed with a pair of self-locking, one-time seal. Every key tag has a unique number that is identified when it is removed and returned to the system. The use of contactless technology made possible by RFID totally eliminates the problems of wear and tear, grease, dirt and shock. This easily translates to low or zero maintenance. Such technology also provides high security with secured coding. And thanks to RFID technology, the key tag can also be used with mifare access card as a dual-security in access control application for critical location e.g. ELV rooms, server room, bank vaults, data centre, etc.

### Versatile Design with Modular Housing for Scalability and Flexibility

proxSafe® system comes in a series of modular storage concept with versatile housing designs to meet current and



**proxSafe racx offer flexible storage housing.**



**proxSafe maxx and flexx cabinets.**

future expansion feasibility in a most cost-effective configuration.

proxSafe® maxx is designed with a unique automatic roller-shutter that maximises workspace by doing away with swinging cabinet doors. The self-closing shutter door is equipped with a self-locking feature to protect the proxSafe® maxx against unauthorised access. Each cabinet is modular with 32 keyslots. Expansion is simple by adding more cabinets which the proxSafe® maxx is capable of handling up to 32,000 keyslots per system in a cost-effective configuration.

proxSafe® racx and proxSafe® pillar offer very flexible storage housing for critical items of different sizes in drawers or boxes to store items such as jewellery, PC notebooks, handcuffs, pistols, nightsticks and even important documents.

proxSafe® flex is a flexible modular solution, allowing you to create any system size for your own perfect solution by combining various types of housings and key panels. Any size system from eight keyslots to thousands with numerous configurations can be realised. The key panels also come with flexible slot densities to allow safe-keeping of odd-sized items, small bunches and even very large bunches of keys. The cabinet door can be constructed of solid panels or with clear window panes.

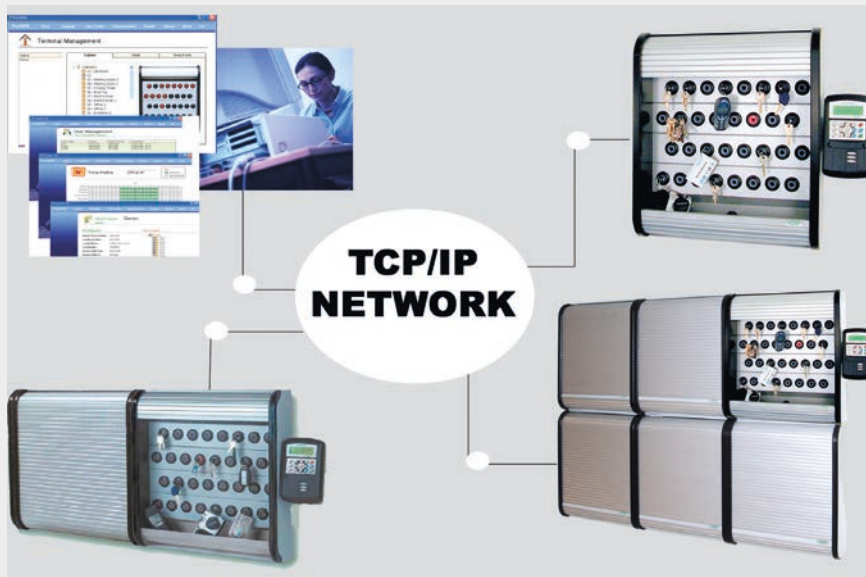


**Key panels come with flexible slot densities.**

The flexible standard 9" key panels also provide the most ideal solution for management of critical keys in data centre. These key panels can be easily mounted on server racks in one simple configuration. This allows such data centres to enjoy huge cost-savings and significantly maximise their workspace.



**Key panels can be easily mounted on server racks.**



**proxSafe multiple cabinets can be connected to PCs and networks.**

**TCP/IP Network**

Operation of multiple key cabinets, be it proxSafe® maxx, flex, racx or combination of the different system designs, can be easily connected to PCs, networks (LAN, WAN, VPN), or access control systems. The open 'debus' communication protocol allows direct integration into other systems.

**Control Terminal**

All information about users, keys and access rights are stored in the powerful Control Terminal which instantaneously synchronises with the PC/server. The Terminal can be accessed via contactless card, PIN Number or even biometrics.

The new C4 Terminal now comes with more rugged keypad and bright visual LED display. The Terminal automatically registers information on who has taken/returned which key at what time. This information builds into an easily managed database (SQL) that gives immediate traceability of which person is responsible for each key at any given time.



**C4 Terminal.**

In keeping abreast with the latest technology, another model Terminal has been launched with touch screen



**Touch screen Terminal.**

features, HTML Java based platform and with the feasibility of integrating with third party system. The firmware can also support different international languages, e.g. Chinese, German, Japanese, Korean, Malay, Russian, etc.

**User-Friendly Web-based Software with Powerful Features**

A simple user interface complemented by various software wizards offers fast and simple configuration of users, keys and schedules. With a few mouse clicks, user can assign access rights to the items stored in the proxSafe® System.

Another innovation is the powerful web-based software capability allowing the authorised administrator to administer the system via their Virtual Private Network (VPN), thus offering more control to the administrator through the web browser. The software allows the administrator to remotely release any keys via the web browser without the need to be physically at the system. The software also comes with an automatic backup feature to backup all transacted data.

Another important feature, the 'Six-Eyes Principles', is the assignment of single,

dual or triple user features to assigned users for selected keys and valuables belonging to high security areas. This feature ensures that important keys or valuables can only be drawn by the presence of the two or three authorised personnel. This is particularly important to casino application as well as money transportation. Other features include the capability to define different alarms and events for overdue of keys, user time limit, tamper alert or main power failure.

### **Benefits of proxSafe® System to Users**

**High efficiency** - The system is fully automated and information is recorded electronically and instantaneously, eliminating tedious manual record keeping. The auto key tag return in the Control Terminal facilitates the ease and convenience of fast return of keys to their allocated keyslots thereby saving time and efforts.

**Scalability and flexibility** - The versatile modular concept and flexible housing offers immense benefit to scalability and expansion in a most cost-effective configuration.

### **Save manpower and operation costs**

- No manpower needed to manage the keys and valuables as the system is fully automatic. Further, the system is engineered to work seamlessly with most existing card access control platform, there is no necessity to acquire additional access cards.

### **More control and total accountability**

- Access to keys and valuables has to be assigned. Immediate traceability on the movement of taken/returned keys.

### **Full audit trail with accurate reporting**

- All user activities from all terminals and cabinets are gathered and stored in a central database for evaluation when required. Full audit-trail with in-depth

reports can be produced showing key and user activities.

### **Zero maintenance/replacement cost**

- The whole system together with its accessories are specially designed with rugged materials for extensive use to withstand wear and tear.

### **24/7 access and protection**

- The system offers reliable round the clock access and protection. Undisrupted current supply ensures the system is kept running efficiently and effectively 24/7 with its own back-up battery.

### **Low total cost of ownership**

- With minimal maintenance cost involved and from the savings of manpower, resources and operations costs, the system gives rapid return on investment resulting in low total cost of ownership. **ESST**

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