



Key Management System for New Acute Hospital Project

Presented by Ivan Tang, Sales Director

Lic Shing Engineering (HK) Co Ltd

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proxSafe Key & Smart Storage Management Systems

Control who can have Access to which Keys and when



proxSafe Portfolio





proxSafe Secure key storage



Flexx II

- Flexible and scalable
- Contactless RFID, quality manufacturing ensures zero maintenance
- Expandable from 8 keyslots up to several thousand slots
- In case of network or power failure, data is stored locally & UPS ensures continued operation



flexx 36U 384 keyTags



128/256 keyTags



flexx 12U 64/128 keyTags



flexx 6U 32/64 keyTags



flexx 3U 8/16/32 keyTags

proxSafe Panel



Interchangeable, upgradeable, fitting to every key bundle

8 Slots (SR8 / 3U) 16 Slots (SD16 / 3U) 32 Slots (DD32 / 3U)





Blind panel (3 HE)

ISO Card Panel/3U

16 Slots (SR16 / 3U)





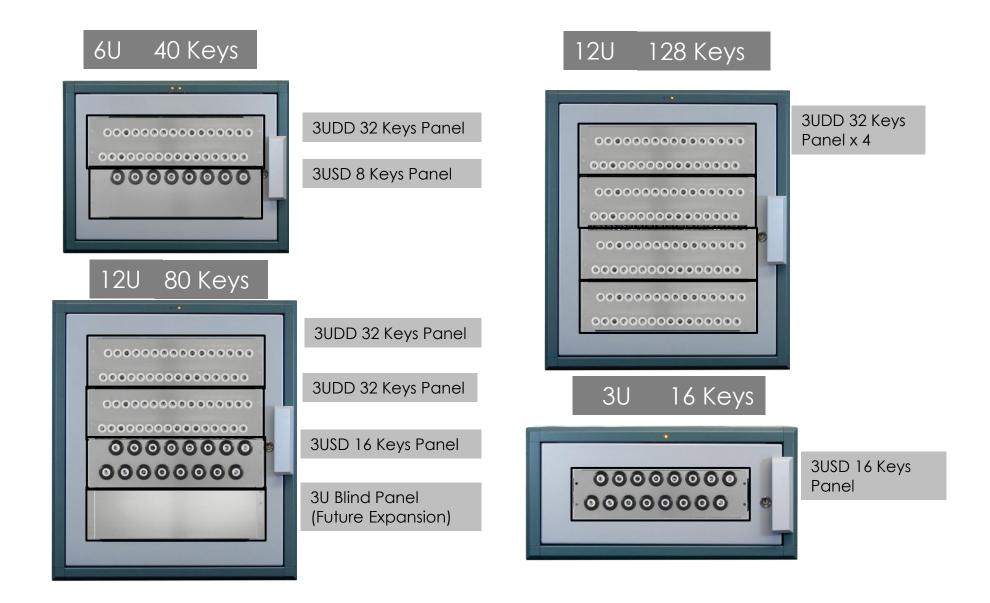


R4/5 Radio Panel/ 6U 16 Slots (WD16 / 6U)



proxSafe Example of Flexx Housing & Panel Configuration







Proxsafe Terminal

- proxSafe Terminal logs the removal and return of keys and valuables, with "Quick-Keytag Return" feature
- Compatible with all major card technologies EV1, mifare, EM, Sony Felica, HID125, iClass, Indala etc.. & all Gov't cards including <u>SSID</u>, <u>PS21 &</u> <u>CEPAS</u>
- Identification via ID-Card, PIN & Bio-metric (Optional)
- Each terminal supports up to
- 2,048/ 5,000 keyTags
- 4,096/50,000 Users
- 7,000/ 100,000 Events
 (in the event of network failure)







proxSafe Accessories



proxSafe keyTag, seals & De-sealing tool

- The seals are only snapped together
- The De-sealing tool facilitates removal of the seal.
- For tamper purposes, seals can carry a unique number (option)











De-sealing Tool

The RFID Keytag



RFID keytags

- Life-time warranty on keytag
- Waterproof
- Corrosion proof
- Reusable key ring and keytag
- Contactless identification
- Tamper-proof seal
- Virtually fail-proof operation
- RFID Keytag Identification



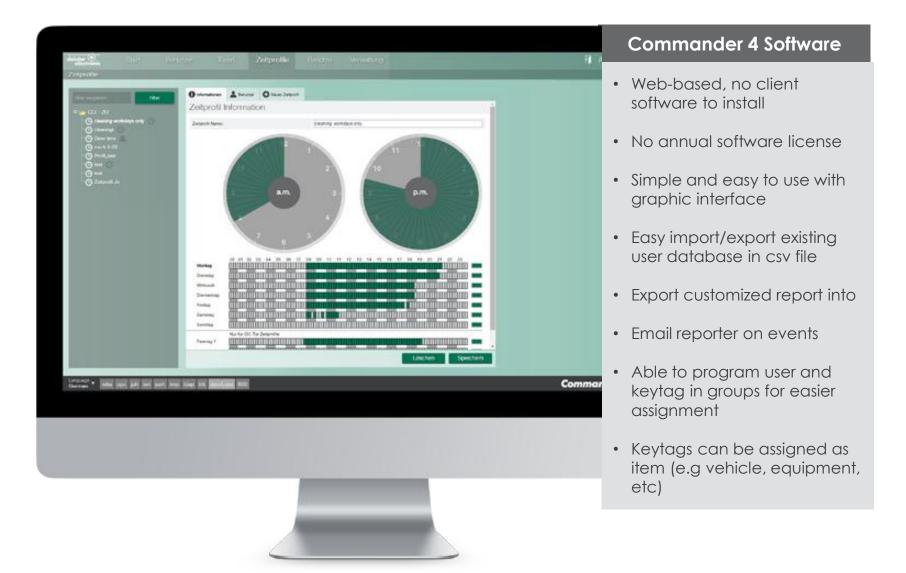




Commander Software

Commander Software





Commander Software– Key Events Report



View report	1 Infor	mations L Users	s / keyTags //	keyTag groups	Terminal (Events Create repo	ort		
Terminal	cabinet	keyTag	User name	Event	Time	User name	Event	Time	Info
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	fault cancelled	Sep 12, 2018 11:26:05 AM				
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	issued ml: 1,240	Sep 12, 2018 11:25:43 AM	Allen	returned ml: 1,240	Sep 12, 2018 11:26:05 AM	
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	fault logged Fault: Check Engine	Sep 12, 2018 11:25:26 AM				
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	issued ml: 1,230	Sep 12, 2018 11:25:07 AM	Allen	returned ml: 1,240 Fault: Check Engine	Sep 12, 2018 11:25:26 AM	
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	issued ml: 1,220	Sep 12, 2018 11:23:27 AM	Allen	returned ml: 1,230	Sep 12, 2018 11:23:48 AM	
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	fault logged Fault: Coolant Temp Warning	Sep 12, 2018 11:16:18 AM				
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	issued ml: 1,210 Issue reason: Servicing	Sep 12, 2018 11:15:54 AM	Allen	returned ml: 1,220 Fault: Coolant Temp Warning	Sep 12, 2018 11:16:18 AM	
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	Allen	fault cancelled	Sep 12, 2018 11:04:03 AM				
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	thiru	issued ml: 1,200 Issue reason: Repair	Sep 12, 2018 11:01:24 AM	Allen	returned ml: 1,210	Sep 12, 2018 11:04:03 AM	
deister electronic	Cabinet-1	GeneralOffice	thiru	issued Issue reason: Cleaning	Sep 12, 2018 10:44:45 AM	unknown	returned	Sep 12, 2018 10:44:56 AM	Pass to Ms Lee (ABC Cleaning Pte Ltd)
deister electronic	Cabinet-1	Mercedes Benz VITO GP8868M	thiru	issued	Sep 12, 2018 10:39:49 AM	Allen	returned ml: 1,200 Fault: 1	Sep 12, 2018 10:40:25 AM	
proxSafe Flexx	Cabinet-1	keyTagC0210	Coselec-Allen	issued	Aug 18, 2018 2:31:21 PM	Coselec-Allen	returned	Aug 18, 2018 2:33:43 PM	passed to pat
proxSafe Flexx	Cabinet-1	keyTagC0215	Coselec-Allen	issued	Aug 18, 2018 2:23:35 PM	unknown	returned	Aug 18, 2018 2:24:09 PM	

Issue Code

Mileage

Fault Code – Non Critical Fault Code -Critical



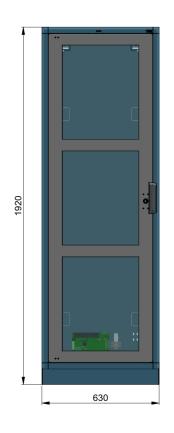
Installation

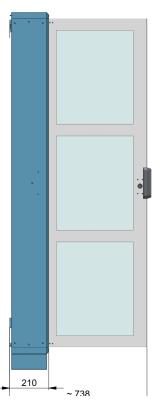


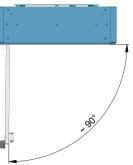
-5040mm-

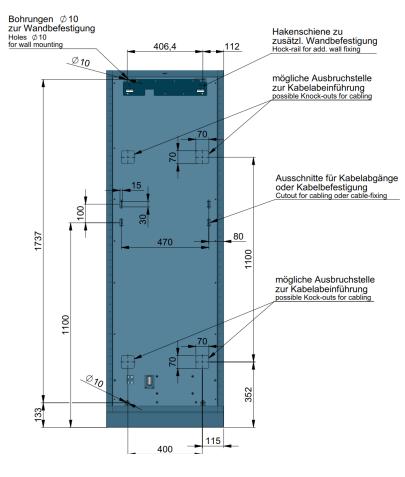




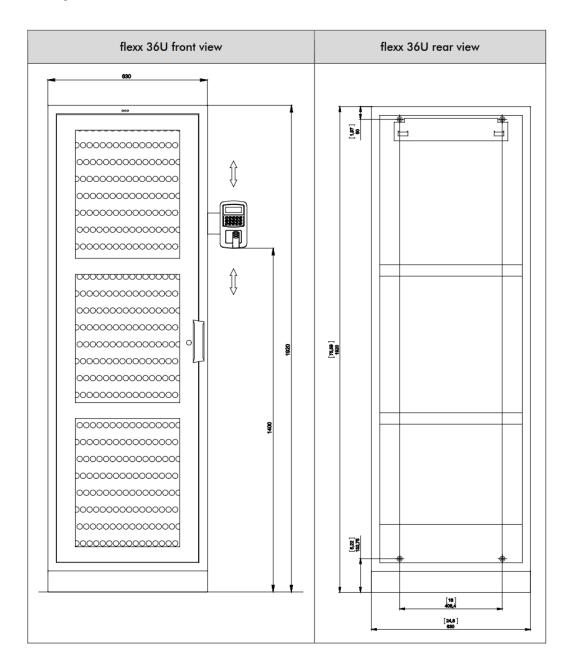












Model	flexx 36 U				
	Canada Ca				
Weight (Housing only)	85 kg				
Dimensions WxHxD	630 x 1920 x 210 mm				
Operating temperature	+5 +50 °C				
Relative humidity	5 95 %, non-condensing				



-145mm-



230mm

Dimensions:

mm (inch) W x H x D 145 x 230 x 92 (5.71 x 9.06 x 3.62)

Housing Material: ASA, ALUMINIUM

Color: black

Protection Class: IP54

Operating

Temperature:

°C (°F) 5 ... 50 (41 ... 122)

Relative Humidity:

% 5...95, non-condensing

Display: 5.7" color display

Screen Resolution: 480 x 640

Operation: capacitive Touchpanel

Smart Card: integrated SD smart card

Languages: various languages selectable

Reader (Option): Quick Key Return and User-ID

• Reader Module 125 kHz

• 13,56 MHz mifare® and 125 kHz

• 13,56 MHz LEGIC® and 125 kHz

• 13,56 MHz I-Class[™] and 125 kHz

• 13,56 MHz FeliCa and 125 kHz

Database: 5000 keyTags

50000 users

100000 events (in ring memory)

250 keyTag groups

63 keyTag time profiles 31 user time profiles









 Example installation of FLEXX 3U cabinet





Global Key Account References











































DATA CENTERS





























Transform. Transcend.











proxSafe - References (Govt & Commercial)























































National Cancer Centre Singapore

SingHealth















proxSafe - References (Hong Kong)



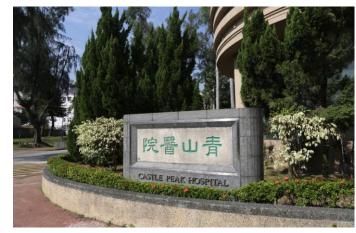




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伊利沙伯醫院 QUEEN ELIZABETH HOSPITAL





















Transform. Transcend.





- 15 proxSafe 24U cabinets installed at TKO and Tai Po HK Data Center
- Integrated to Access Control System
- Server Rack keys
- More than 3000 keyslots
- Since year Yr2017 to Yr2019









- 5 proxSafe 36U cabinets and 9 proxSafe 24U cabinets installed at TKO and Shek Mun HK Data Center
- Integrated to Visitor
 Management System
- Server Rack keys
- More than 4000 keyslots
- Since year Yr2020 to Yr2023

proxSafe - References (Hong Kong)















Maxx 32

Maxx 64

- proxSafe Maxx cabinets installed
- More than 1000 keyslots
- Since year Yr2013 to Yr2023

IT.Innovation Office





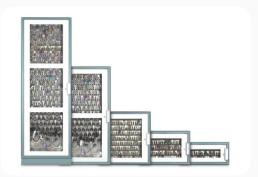


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Solution #S2112-0014

Key Management System

Company

Lic Shing Engineering (HK) Co Ltd

Main Technology

Others

Description

All key removals and returns are automatically documented and can be retrieved easily. The intelligent key cabinet proxSafe ensures a transparent, controlled key transfer and an efficient management of from eight up to several thousand keys.