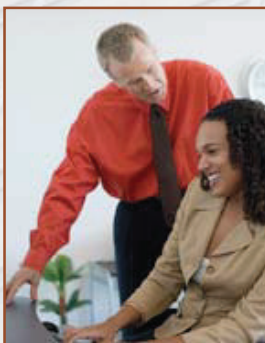


Genous

Genous provides high level electronic intelligence with the choice of the world's finest key cylinders and locking mechanisms. It provides protection against overt physical and covert surreptitious attack and an audit trail that will tell you who did what and when even in the event of unsuccessful manipulation. Genous offers:

- Standalone security for individual doors.
- Networked solutions integrating security and intelligence for some or all doors on a site or sites.
- Controlled access linked with high physical security.
- Cylinder protection against physical attack by means of a secondary overlock.
- Choice of lock actuation; intelligent keys or proximity devices such as fobs or cards.
- Genous retrofit to industry standard locks (Chubb, Santos, etc.) and or existing key cylinders/suiting.
- Asset protection Genous can be applied to a room or building access or secure cupboards, providing security and an audit trail for withdrawal and replacement of keys, laptops, radios, phones, evidence bags, etc.
- Door status settings that enable individual doors (whether networked or standalone) to be set to different modes for different users: Standard (entry/exit), Patrol (registration), Duress, and Control.



'Genous' Mechatronic Management System

Proximity, key or combination lock access with secondary overlock and full control with a 'real' audit 'record'.

'Genous' provides controlled authorised access and retains secure encrypted evidence of who did what, when and where, 'Genous' can interface with electric or key release mechanisms, fitted to almost any application, including doors, cabinets, drawer stiles, key and asset containers, interfacing with almost any key manufacturer.

'Genous' can be used in a stand-alone application, simple to upgrade to a full building, or multiple-building network management system.

'Genous' provides for 10,000 users and 10,000 events stored at each location. Networking enables a continual backup facility. Data is encrypted and stored locally to maintain functionality even in the event of power or network failure.

'Genous' offers full audit trail accountability, including unauthorised attempts. The software enables a comprehensive analytical 'filtering-down' capability, with reporting facilities.

Media:

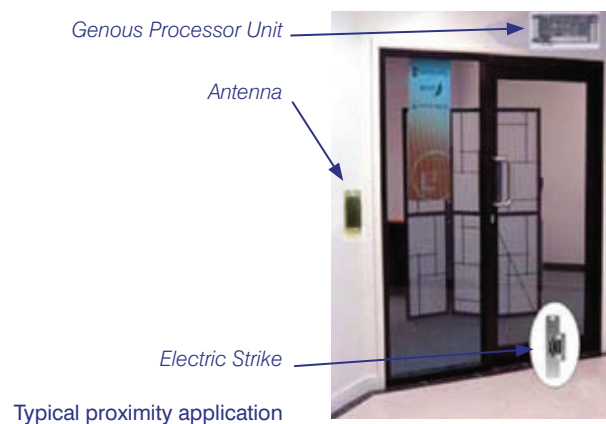
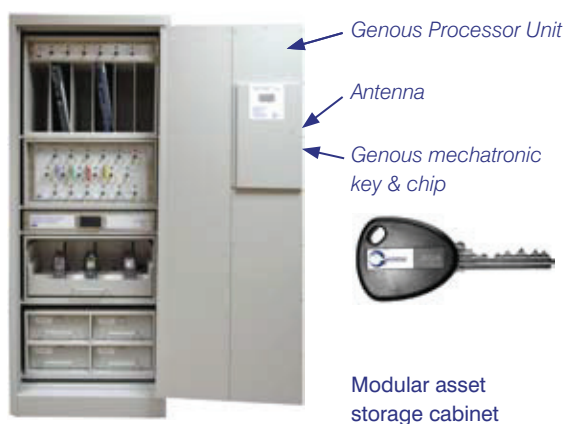
The choice of a transponder fob, card, or the chip embedded discreetly into the key bow. Each chip has its own unique identity. This identity is allocated to an end user, who is then responsible for its use and to make sure of no misuse. We call this allocation 'Personal Authority Signature' (PAS). Each PAS device can use one of four function settings for each user at each location, these include:

- Standard** General application
- Patrol** Guarding
- Duress** Individual under threat
- Control** Fast lock-down, i.e. scene of crime



Proximity:

'Genous' provides the solution for non-contact proximity access requirements. The transponder fitted within a card, fob or Genous key head can drive, or operate any switchable device ranging from an electric strike, to a motorised locking device.

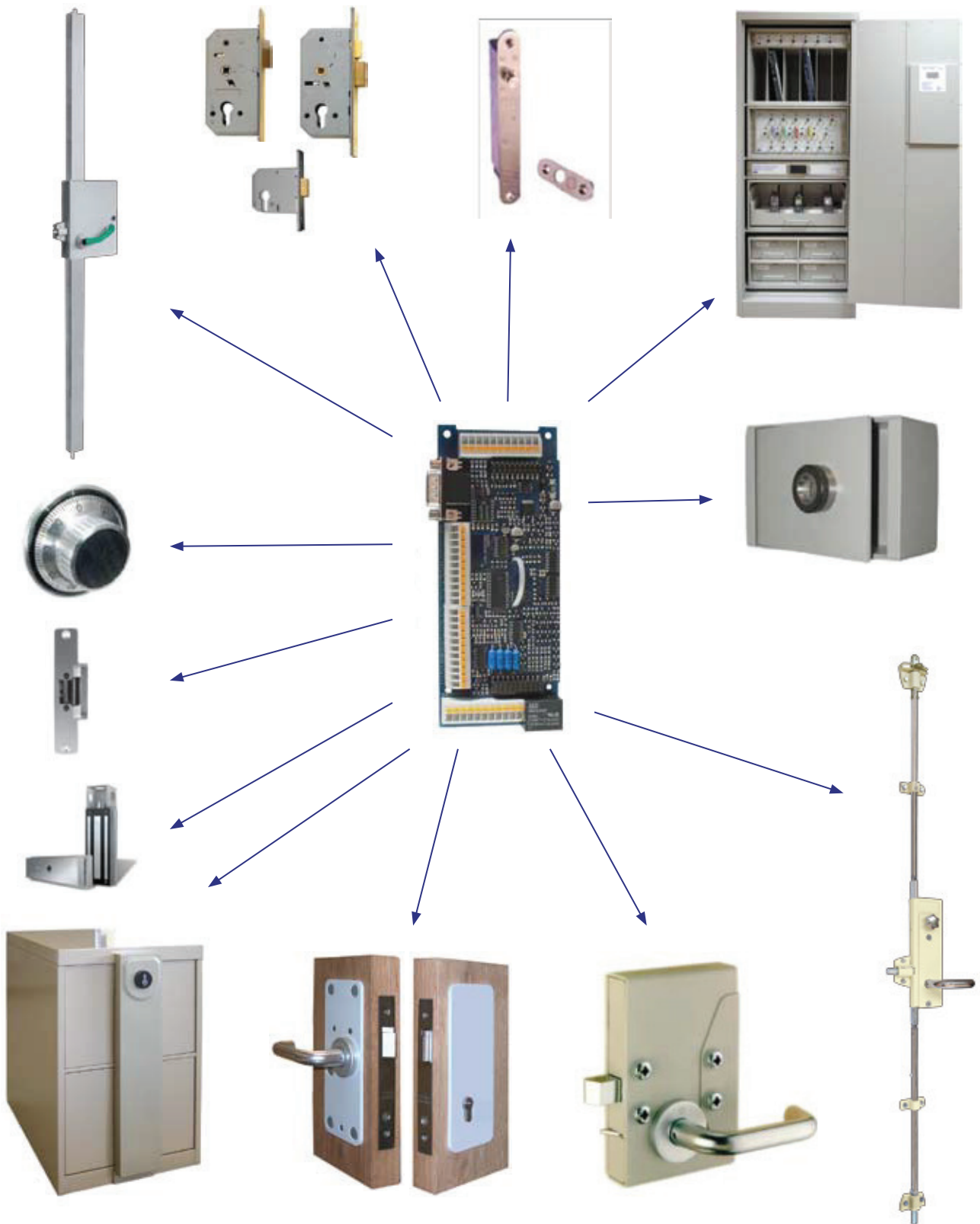


Mechatronics:

For the higher levels of security, the ultimate benefit of electronic chip technology added to the known protection requirement of a mechanical locking device, to provide the benefits of both physical and surreptitious protection.

'Genous' Product Applications

Genous - works well with a wide range of products...

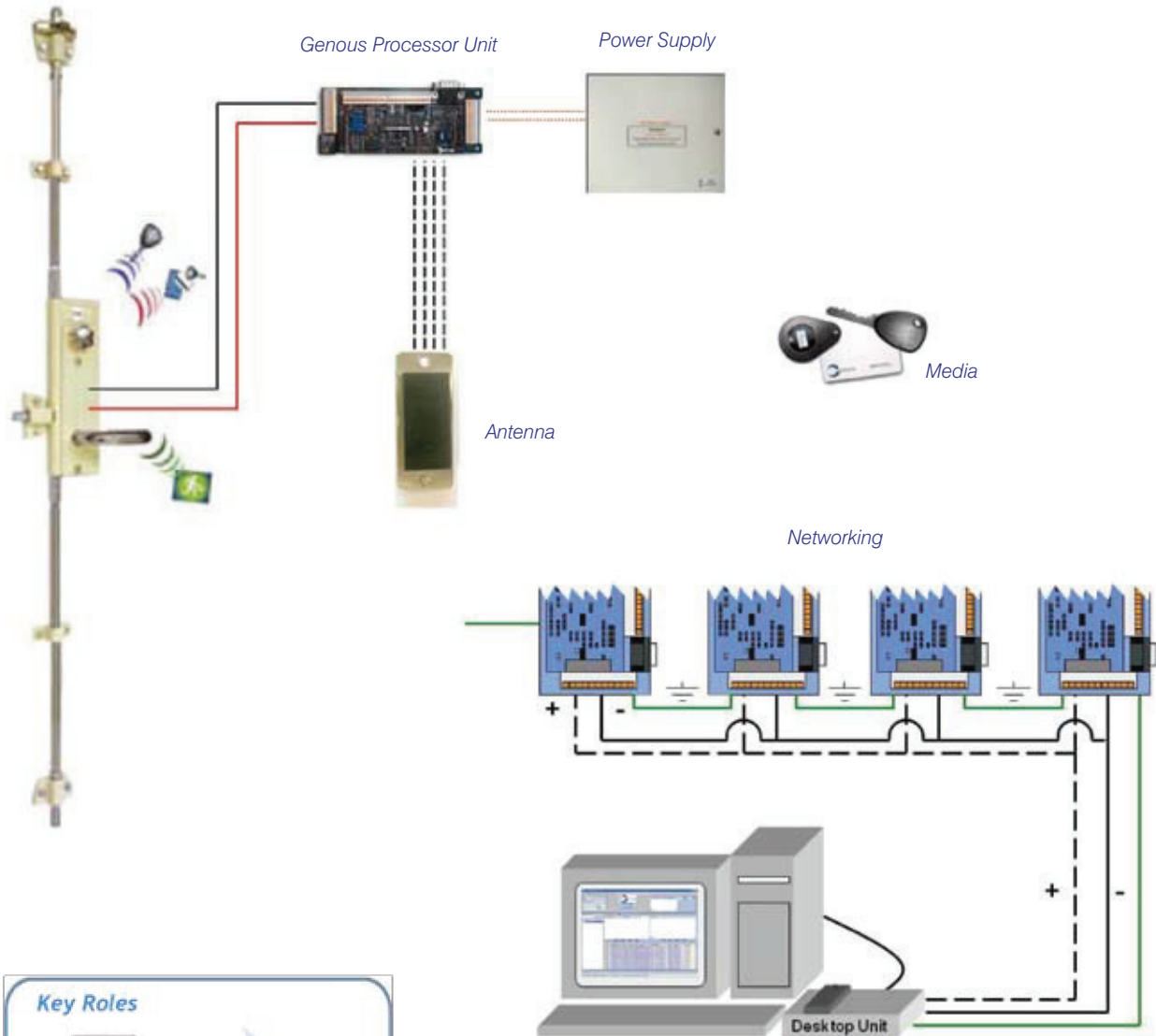


...and many more



'Genous' Typical Installation Methods

Genous - easy to install, stand-alone or networking...



COMFORT ZONE
 The objective of good security, when balanced with the perceived threat, is to remove the criminals comfort zone; raising their profile and increasing the chances of them being caught.

'Genous' Attributes and Functionality

The Genous concept is to provide enhanced security, with the emphasis of controlled flexibility, together with an encrypted event audit facility, the term Genous means; 'that which originates within'.

Following are the prominent attributes of Genous together with suggested practical functionality. Above all, Genous offers the very best in controlled access, security and accountability, cost effectively.

Key Driven	Mechatronics, the ultimate - a Genous transponder chip integrated into the key head of a high security key, with a secondary solenoid overlock fitted within the lock.
Proximity Driven	Genous non-contact operation by a card, fob or key, to release an electric release locking mechanism.
10,000 events	Genous stores up to 10,000 events independently of a networking PC, ensuring local operation even in the event of a building power loss, a more secure way of retaining user activity and data integrity.
10,000 users	Caters for both small and large number of users. Genous has the capacity to handle this many users without the help of PC support.
Transponder functions	Each transponder has its own unique hexadecimal code and each key, card or fob can be allocated one of four individual functions in each location, providing unrivalled controlled flexibility. <ul style="list-style-type: none"> Standard simply operates where permitted, as required Patrol confirming attendance, in the case of building or perimeter guarding Duress alert raising covertly Control enables immediate lock-down refusing all users, typically in the event of a hazard or scene of crime. The system provides for re-learning users back onto the system
Power options	Genous stand-alone systems can be mains or battery powered, proximity and network systems both require to be mains powered.
In denial	Even unauthorised user attempts are recorded, capturing user details, time and location, as appropriate.
Complementary equipment	Genous has four auxiliary outlet ports to enable switching complementary equipment such as gates, barriers, cameras, lighting etc.
Data security	Most systems overlook the vulnerability of their PC based support package, not so with Genous, its encrypted data and method of storage is we believe the most secure available.
System Management	Genous software enables single users, groups and location mapping to be set up. Desk top management systems available as well as photo ID facilities.
Audit trail	Genous has a comprehensive audit trail facility, easy to drill down to lower levels of field searching, plus a report printing functionality.

'Genous' Furniture Kits

Working in partnership with many organisations the following Genous kits are available for the following well known list of cupboards and cabinets. These can be fitted to new cabinets or retro-fitted to existing furniture on site to provide a cost effective solution by our national team of Surelock McGill trained 'SN8' master locksmiths.

	KDR-0001	2 Brick Key safe	Key Driven with secondary overlock	Battery or Mains
	KDR-0002	4 Brick Key safe	Key Driven with secondary overlock	Battery or Mains
	KDR-0003	A4 Document box	Key Driven with secondary overlock	Battery or Mains
	KDR-0004	Stile - 2 Drawer Cabinet	Key Driven with secondary overlock	Battery or Mains
	KDR-0005	Stile - 4 Drawer Cabinet	Key Driven with secondary overlock	Battery or Mains
	KDR-0009	Cabinet	Key Driven with secondary overlock	Battery or Mains
	KDR-0010	Asset cabinets	Key Driven with secondary overlock	Battery or Mains

'Genous' Securing Elements

Genous works with many physical locking solution packages to provide the widest possible operating requirements and door design features. The following list is an overview of popular locking devices with prominent attributes and practical functionality.

Above all, Genous offers the very best in controlled access security and accountability, cost effectively.

	LOC-0001	Mortice deadlock '3C10'	Key Driven with secondary overlock	Battery or Mains
	LOC-0002	Sash lock '3C20'	Key Driven with secondary overlock	Battery or Mains
	LOC-0003	Night latch '3R35E'	Key Driven with secondary overlock	Battery or Mains
	SL32x	SL3 Slimline 'E/R'	Proximity Driven	Mains Only
	SL31x	SL3 Slimline 'K/R'	Key Driven with secondary overlock	Battery or Mains
	S-11125	Solent 'K/D'	Key Driven with secondary overlock	Battery or Mains
	KIT-001	Genous only kit	Genous proximity, mains only upgrade kit	Mains
	KIT-002	Genous only kit	Genous mechanical lock upgrade kit, lock case to be specified	Battery or Mains

'Genous' Component Parts

The following are the various component parts called up, as required, to meet each specific lock type requirement, functionality of installation choice.

	ANT-0001	Antenna - Proximity (external single)
	ANT-0011	Antenna - Proximity (internal/external pair)
	ANT-0012	Antenna - Mechatronics (external single/internal blank)
	ANT-0013	Antenna - Mechatronics (internal/external pair)
	BAT-0001	12V x 7.2Ah Battery 2amp Power Supply back up
	BAT-000x	2 No. 9V alkaline Battery PP3
	CAB-0001	Cable - GPU to PC
	CAB-0002	Cable - PDA
	COM-0001	Communications Port Assembly
	DIO-0001	Diode IN4007 (per 100)









'Genous' Component Parts

Component parts continued...

	DTU-0001	Desktop unit
	GPU-0001	Genous Processor Unit
	PDA-0001	PDA + Cable + Software (SD Card)
	PDA-0002	PDA
	POW-0002	Power Supply 2amp
	SOF-0001	Software - Pocket Virtual Programmer
	SOF-0002	Software - Networking Program including Archive Analyser
	SOF-0003	Software - Management Program including Archive Analyser

'Genous' Consumables

Component parts continued...

	ADH-0001	Adhesive for key heads (each) DP 810
	CAR-0001	Card Proximity Plain
	FOB-0001	Fob Black
	KEY-0003	Key Head with screws (excluding key)
	KEY-0004	Key Assembly service (excluding key)
	LAB-0002	Label Ultra Destructable (ID) 2 colour
	LAB-0005	Label Key head small ID label (4,000 pack)
	MAG-0001	Magnet for cam
	SOL-0001	Solenoid
	TRA-0001	Transponder Chip Genous

'Genous' Audit Trail

Provides the ability to analyse, search, filter and print, or export the final results of the secure encrypted data.

Seq No	Date	Time	Logged by	System	GPJ	PAS ID	Type	Holder	PAS Code	Event	Side	At End
515	01/01/00	00:33:00	13/06/10 14:11 41	9958	0030	Stand	Not in System	PAS Li	E6253C31000	Unauthorized	Ext	Open
516	01/01/00	14:11:00	13/06/10 14:11 52	9958	0030	Stand	Not in System	PAS Li	C0000C00000	Time Set	Ext	Open
517	10/00/10	14:11:00	13/06/10 14:11 52	9950	0030	Stand	Not in System	PAS Li	C0000C00000	Date set	Ext	Open
518	01/01/00	00:30:00	13/06/10 14:11 52	9958	0030	Stand	Not in System	PAS Li	C0000C00000	Power on Reset	Int	Open
519	01/01/00	00:30:00	13/06/10 14:11 57	9958	0030	Stand	Not in System	PAS Li	E6253C31000	Unauthorized	Ext	Open
520	01/01/00	00:30:00	13/06/10 14:12 05	9958	0030	Stand	Not in System	PAS Li	C0000C00000	Power on Reset	Int	Open
521	01/01/00	00:30:00	13/06/10 14:12 15	9958	0030	Stand	Not in System	PAS Li	F6253031000	Unauthorized	Ext	Open
522	01/01/00	00:30:00	13/06/10 14:12 47	9958	0030	Stand	Not in System	PAS Li	E6253C31000	Unauthorized	Ext	Open
523	01/01/00	00:31:00	13/06/10 14:12 58	9958	0031	Stand	Not in System	PAS Li	E6253C31000	Authority Added	Ext	Open
524	01/01/00	00:31:00	13/06/10 14:12 58	9958	0031	Stand	Not in System	PAS Li	E6253C31000	Authorised	Ext	Open
525	01/01/00	00:31:00	13/06/10 14:13 23	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authorised	Ext	Open	
526	01/01/00	00:31:00	13/06/10 14:13 41	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authorised	Ext	Open	
527	01/01/00	00:32:00	13/06/10 14:13 52	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authority Removed	Ext	Open	
528	01/01/00	00:32:00	13/06/10 14:13 53	9958	0030	Stand	Surelock McGill - Gen	E6253C31000	Unauthorized	Ext	Open	
529	01/01/00	00:32:00	13/06/10 14:14 04	9950	0030	Stand	Surelock McGill - Gen	C0000C00000	Unauthorized	Ext	Open	
530	01/01/00	00:32:00	13/06/10 14:14 04	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authority Added	Ext	Open	
531	01/01/00	00:32:00	13/06/10 14:14 09	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authorised	Ext	Open	
532	01/01/00	00:32:00	13/06/10 14:14 23	9958	0031	Stand	Surelock McGill - Gen	E6253C31000	Authorised	Ext	Open	
533	01/01/00	00:32:00	13/06/10 14:14 37	9958	0030	Stand	Not in System	PAS Li	C0000C00000	Proximity Disabled	Ext	Open

Initial reporting screen (above)

Filtered down and ready to print (below)

4:23	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
4:54	9958	0001	Stand	Surelock McGill - Gen	F6253031000	Authorised	Ext	Open	1
9:37	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
5:53	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
6:01	9958	0001	Stand	Surelock McGill - Gen	C0000C00000	Authorised	Ext	Open	2
6:12	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
6:23	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	2
6:32	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
6:33	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
6:17	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
6:49	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	2
6:53	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
7:25	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1
7:31	9958	0001	Stand	Surelock McGill - Gen	E6253031000	Authorised	Ext	Open	1

