A flexible security solution

Personal Authority Signature

The Genous system allocates a Personal Authority Signature (PAS) to each intelligent key, card or fob that is registered with the system. This PAS is allocated an operational status or role at each lock or device reader so a user may have different roles for different locations. The four operational states are:

- Standard: Normal operation - no special attribute
- Control: Erases other PAS devices to prevent access
- Patrol: Registers date and time to log the patrolling of a guard or warden
- Duress: Used when a system triggers a discrete or overt signal to alert people to a duress situation

Flexibility

Keys, fobs and cards are easily programmed into the system with appropriate roles and permissions. Each system can be programmed to react to specific events to suit customer needs:

- Inhibit or permit entry
- Discrete alarm
- Overt alarm
- Trigger retrieval of keyholder photograph, and other details from a data base
- Trigger audio, and/or video monitoring/recording at the lock location

Audit trail

As events occur within the system, an event log is compiled to provide an audit trail. A copy of the event log can be viewed and interrogated to pin-point any specific event. Concise explicit reports can also be generated. Reports and logs are archived and may be used to substantiate investigation or even act as evidence in criminal proceedings (see Genous at work later). The event log stores all events that take place in conjunction with the system. These include:

- Learning keys, cards or fobs
- Day to day use
- Attempted misuse
- Change to system parameters (such as current time and date)

Sites with visitor access

It is becoming commonplace for a site to permit limited usage by "outsiders". Genous systems are used where, for example, schools, fire stations, armed forces sites and the like, permit public or club use of sports, concert hall or other leisure facilities. The Genous system maintains security but provides keyholders with access to appropriate facilities at permitted times.

In a similar way, local branches of services such as the fire brigade, ambulance service and police service share some facilities. In this situation, the Genous system has been found ideally suited to enforce lines of demarcation.

Multi site solutions

Certain industries and services with multiple widespread sites have frequent permanent or temporary postings from one site to another. Commonly, such organisations have staffing levels that may run into thousands. The armed and civilian services are a case in point. Networked Genous systems, where access permissions can be globally managed, can be connected in a wide area network to provide a highly efficacious management solution.

A flexible, cost-effective upgrade path

Genous allows choice. Existing cylinders can often be retained. Where electronic intelligence and/or a higher level of security is needed, a straightforward replacement of the existing lock case provides Genous compatible locks. Where non-intelligent requirements prevail, existing locks can remain unchanged.

Upgrade can be achieved cost-effectively and rolled out at the pace that budget and other considerations demand. This is particularly attractive for institutions such as schools and hospitals where budget constraints conflict with the need for better access control, security and demarcation between public access and that of other disciplines.

We offer a wide selection of electrical and electro/mechanical locks that are compatible with the Genous system. A choice of proximity and electro-mechanical, single- and multi-point locks are available to meet a wide range of operational requirements and levels of physical protection, including:

Proximity Devices	Electro-mechanical Systems
• Latch	• Deadlock
• Deadlock	• Sashlock
• Electric strike	• Nightlatch
• Magnetic lock	• Custodial lock
• Solenoid bolt	• Lighting and cameras
• Turnstile	• Automatic single- and multi-point deadlocking
• Barrier	• Option 'X' (panic or emergency exit)
• Lighting and cameras	
• Time and attendance	