GE
Security

Challenger™

Integrated Security Platform

The proven solution for
access control,
intrusion detection, and
video integration.

The Integrated Security Solution for your most challenging environments.

Access control

(A) Population count. Prevents access when a pre-determined limit of users is reached. Can trigger an output such as "Car Park Full" sign.

(B) Out of hours access. Increase security after business hours by requiring both an access card and a PIN code.

(C) 24-hour access. Manager has complete access to premises at all times.

(D) Fingerprint scanning. Optional biometric reader can be used to provide higher-security access control.

(E) Anti-passback support. Challenger can prevent entry (hard anti-passback) or allow entry whilst reporting the event (soft anti-passback).

(F) Dual card entry. Requires two different users to present their access cards in sequence to unlock high security areas.

(G) Interlocking doors. Requires one of the doors to be closed before the other can be opened.

(H) Restricted access hours. Contract workers' access can be limited to normal working hours.

(I) Restricted access rights. Workers' access can be limited to specific floors and doors.

Video surveillance

(A) Event video recording. Pan/Tilt/Zoom cameras can be triggered to automatically face entry points on presentation of an access card, or when an intrusion event is detected.

(B) Event video tagging. Challenger can command video surveillance systems to tag footage for faster identification and retrieval. For example, when a door is opened or an alarm occurs.

Input and output extension

(A) Convenient wireless control. Wireless remote can be used to open roller doors and other access points.

(B) Personal protection and alarm. Wireless panic pendants can signal duress conditions to Challenger and trigger an alarm.

(C) Powerful macro logic. Challenger system operation is highly-configurable via macro logic. For example, Challenger can automatically activate/de-activate lighting, air-conditioning and heating functions.

Intrusion detection

(A) Forced door detection. Challenger can generate an alarm if a door is forced open.

(B) Remote alarm monitoring. Central monitoring via onboard dialler to PSTN (phone line) or IP (Ethernet).

(C) Flexible alarm delay. Holding a door open too long or blocking it can trigger an alarm or activate a warning siren.

Additional time to open doors can be granted to individual users.

(D) Integrated intrusion and access. Authorised users can use the same access card to open a door, arm or disarm an area, or the whole building.

System management

(A) Remote system access. Authorised command and control of the Challenger system from PC software with graphical map display.

(B) Administration support. HR/payroll can export employee time and attendance information from the system.

(C) Visitor management. Receptionist can issue temporary access cards with programmable expiry time and date.

Reliable, Scalable, Adaptable, Trusted.

System management

Photo ID

TITAN™ or Forcefield™ Management Software

Multiple Challenger Sites

Video surveillance

Powerful integration with GE video technology is available via Forcefield Management Software.

Intrusion detection

The Challenger main control panel is a commercial alarm system that, with additional hardware modules, can be expanded to include access control and increased input/output capacity.
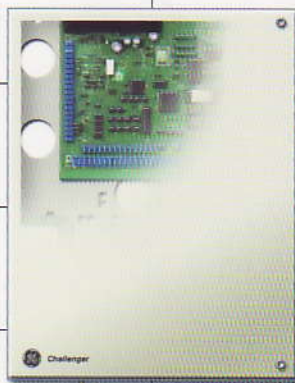
Keypads

Challenger panel

Siren and strobe

Vault sensors

Motion sensors

Seismic sensors

Magnetic contacts

Glass break

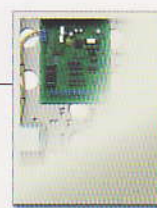**Monitored line to central station**

Access control

Intelligent lift controller

Keypads

Intelligent door controller

Readers

A range of GE readers are available for Challenger. Third party readers are supported via industry standard formats including Wiegand. Keypads can also be used for access control with PIN code or combined card and PIN.

Input & Output expansion

Data gathering panels (DGPs) and expansion cards expand the number of inputs and outputs (relays) per system.

Lighting

HVAC

Siren and strobe

Input & Output expander (DGP)

Wireless Input expander (WDGP)

Wireless devices can be added to the Challenger via a wireless DGP.

Output devices

Input devices

Vault sensors

Motion sensors

Seismic sensors

Magnetic contacts

Glass break

Remote control

Panic pendant

Wireless motion sensors