

# Reliable Security Solutions

**Challenger10**

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

# An integrated security solution for your most challenging environments

The Tecom range of products offers security solutions designed to adapt to the ever-changing landscape of your business needs.

## Intrusion

Protect your property from external threats with a Challenger solution. Add a number of devices such as motion sensors, reed switches, duress buttons, and other peripherals for reliable intrusion detection. Scale your system from a standalone intrusion panel to a fully networked system spanning thousands of locations.

## Access control

Challenger's modular architecture provides superior flexibility and reliability when it comes to designing a new system or adding to an existing one. Challenger's access control functionality is distributed across multiple devices for additional reliability.

Door interlocking, nested anti-passback, dual custody, lift control, card and PIN, time and attendance, disabled user access, multiple card format support and macro logic functionality are just some of the industry-leading features incorporated into Challenger access controllers.

Challenger's unique integration of intrusion and access control allows for superior functionality. Intrusion areas can be controlled using only access cards while access control events can be communicated to management software or central monitoring stations. Powerful macro logic can be triggered on access or intrusion events. Advanced access control functionality, such as anti-passback, is maintained without the need to connect to management software. Combined audit trails for access control and intrusion can also be accessed from either LCD keypads or management software.

## Video integration

A Tecom solution offers seamless integration to a range of Interlogix video products. Alarm events can be tagged to video footage, and can trigger the management software to automatically show the operator live video from a camera covering the alarm input. Recorded footage can be found quickly by searching by time or by alarm event. Multiview displays can be configured to show multiple cameras in predefined grids across multiple monitors.

## Third-party integration

High-level integration to an impressive array of third-party systems such as:

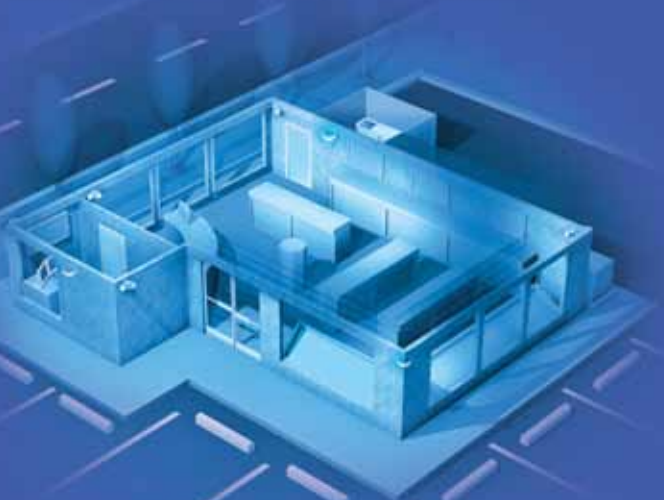
- HR/Student enrolment systems
- Intercom systems
- Destination lift control
- Visitor management
- Paging/duress integration
- Wireless detectors and duress pendants

Customised integration to various systems can be achieved using our third-party video and alarm protocols and ASCII event outputs over IP or RS-232.

## Key benefits

- **Fully compatible** with Challenger V8 peripheral hardware
- **Superior scale** to meet the ever-increasing security demands of modern systems
- **Industry-leading connectivity options** allowing simultaneous communication with up to 10 monitoring stations and software packages
- **Multiple holiday types** can be configured to span multiple days and repeat on an annual basis
- **Efficient switch-mode power supply** with advanced diagnostic capability and resettable fuses
- **Link multiple internal areas to a perimeter area** to control your site's entry/exit procedures
- **Flash upgradable firmware**

While security concerns and priorities vary from company to company, the one constant is protecting people, property and assets.



Interlogix provides effective solutions regardless of the size and scope of your organisation.

# Challenger10

## The new breed of security solution.

Built on the strong foundations of the previous panels, the new breed of Challenger gives users more flexibility and scale than ever before. Experienced users and installers will easily transition to the new Challenger10 panel as the tried and tested concepts have been maintained.

### Powerful system architecture

The Challenger10 panel is the heart of the system, and comprises a modular 'Add as you go' design. By adding intelligent door or lift controllers, input/output expanders, memory expanders and LAN devices, you can cost-effectively add capacity and functionality as required. Multiple panels can be linked together in one system via management software.

Challenger uses a cost-effective and reliable RS-485 data bus for communications between Challenger hardware that is capable of running long distances while minimising cable runs. Challenger LAN data can even be carried by optical fibres (optional interface modules required) or over IP.

## Four reasons why Challenger is the number one choice for your security solution

### Flexible

Challenger's modular design provides for a wide range of applications, depending on the number of 'building blocks' you need to add. Start with just a few access doors and alarm inputs or expand to control thousands of doors, inputs and users. Challenger can connect directly to a serial printer without the need for printer module, a dedicated computer or network.

### User-friendly

Users can operate the Challenger system via cards or keypads. More advanced control and system configuration can be done via LCD keypads, whilst 'power users' and system programmers may opt for using Interlogix's management software applications.

### Scalable

Challenger provides a scalable solution, from a single site, to a multinational deployment. By simply adding a range of intelligent door or lift controllers, input/output expanders, memory expanders or LAN devices, your Challenger system will accommodate your ever-expanding needs.

### Proven reliability

Challenger is installed in some of the leading universities, banks and retail outlets across Australia and New Zealand. As a business, Interlogix is committed to continuous improvement and operate an extensive program to identify innovations and technologies to enable us to relentlessly improve the quality of our products.



# A wide range of applications

Challenger is a complete system solution that can be deployed in virtually any commercial, institutional, industrial or residential application.



## Commercial Property

Interlogix has the complete security solution for commercial property.

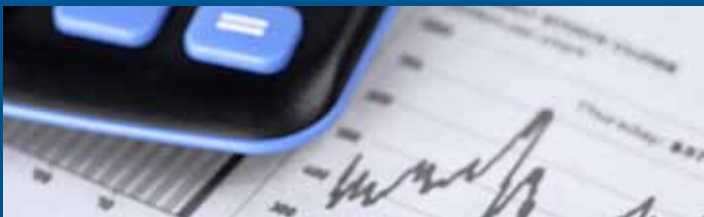
Bringing a solution to customers is all about solving specific problems. Combining alarm reporting, alarm verification, video surveillance, system monitoring and management are key security and economic requirements. Interlogix's technology turns these requirements into a reality.



## Retail

Retailing is a business with unique challenges. In an open environment with free public access, retailers must protect their assets while also quickly addressing challenges in consumer preferences and market trends.

From the front entrance, the sales floor and stock rooms, to the checkout lines and the loading docks, Challenger10 provides an end-to-end solution. It can also expand as your environment grows.



## Banking & Financial Institutions

Managing a financial institution's security is a tremendous responsibility.

Create a secure environment that covers ATM locations, car parks and sidewalks surrounding your buildings, branch lobbies, work areas, offices, vaults and cash-processing centres.

Challenger10 takes into consideration all elements of the security requirements in a banking environment.



## Universities & Educational Facilities

Innovative solutions, shared technology and application expertise makes schools safer and more secure.

Providing protection and reducing risk to your students and staff, Challenger10 offers the benefit of shared technology and application expertise in the educational environment. Integrate third-party systems such as fire detection, building management and student records.

# The easiest choice you'll make

## Managing your Challenger hardware has never been easier



### Forcefield

Forcefield is an integrated security management platform that works with Challenger to seamlessly provide access control, intrusion detection and video surveillance in one unified system.

#### Single point of control

Single operator screen for management of intrusion, access, video surveillance, photo ID and intercom with easy point-and-click mouse-driven navigation.

#### High level of integration

Forcefield provides high-level integration to intercom systems. Make and answer intercom calls through maps and call queue screens. Link doors and cameras to call points. Integrate to third-party video systems with an SDK, offering a powerful level of functionality.

#### Enterprise scale

Forcefield can be optimised for a range of needs from small business to enterprise scale, with outstanding reliability and server redundancy options. All events received by Forcefield from Challenger field hardware can be linked to video footage allowing for fast response time in the event of an emergency and easier post-event investigation.



### Security Commander

Security Commander is derived from one of world's leading security software platforms with a decade-long presence in many high-profile finance, retail and government environments. Its proven track record for robustness and ease-of-use make it the perfect accompaniment to your Challenger system.

#### Easy for operators to use, learn and train

Control and manage every aspect of your Challenger security system including access doors, alarms, and video surveillance with ease. Interactive map display of your building makes operator control quick and simple.

#### Easy on your IT department

System architecture based around Microsoft Windows technology including support for Windows 7 operator workstations, Microsoft SQL database, and shared network operator permissions and folders, make IT maintenance simple and straightforward.

#### Easy to deploy and configure

Reduces the time and effort to commission or make changes to the system. Intuitive function trees for panel programming and 'drag and drop' environments make setup and system changes hassle-free and more cost effective.



### Titan

Titan is a software tool for programming, controlling, and monitoring a Challenger security system. Titan can be used onsite or it can be used remotely via modem or IP connection. Titan is typically used by installers with a laptop PC to program Challenger systems; but can also be used by small facilities to maintain and control their Challenger system.

Titan provides a simple and easy-to-use interface for programming and controlling the Challenger system. Titan also provides the ability for technicians to import and export system configurations for off-site programming or system backups.

Titan enables authorised service technicians to connect to the Challenger panel remotely to manage users, for routine maintenance and fault diagnosis. Remote connection capability helps to avoid costly service calls.

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[interlogix.com.au](http://interlogix.com.au)

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