

# access

DAS resource catalogue

Product Highlight:

## // SECURITY COMMANDER

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Hilti Holdings

timeless design • innovative products • inspired technology

# Technical Training Workshops



**As part of our commitment to the Australian Security and Electronics industry**, the Hills Training Institute (HTI) offers a regular program of technical training workshops targeted at technicians that have both limited and current practical experience.

HTI's workshop courses have been designed by our knowledgeable technical trainers and cover the specification, installation and configuration of our most popular products, including the Hills Home Hub, Challenger by Interlogix, Hills Reliance, Forcefield by Interlogix, Bticino and the Pacom range of digital video recorders (DVRs), as well as advance video systems like DVTel.

## FEATURES AND BENEFITS

- Designed by knowledgeable, expert technical trainers.
- Live interaction with our experienced technical trainers and products.
- Modular design for most courses so you can attend training days separately instead of continuous days.
- Workshop courses can be repeated at any available time within a 12 month period at no additional charge.
- All attendees receive a workbook to assist in their training.

To enquire or register for any workshops, contact your nearest DAS or Pacific Communications branch.



- |                          |                    |         |                          |       |
|--------------------------|--------------------|---------|--------------------------|-------|
| Challenger by Interlogix | Hills Home Hub     | Bticino | Forcefield by Interlogix |       |
| Hills Reliance           | Introduction to IP | CCTV    | DVTel                    | Pacom |



Hills Electronics Security (HES) is Australia's largest supplier of electronic security equipment and accessories incorporating Direct Alarm Supplies (DAS), Pacific Communications (Pacom) and Hills Transmission Solutions (HTS). HES has eighteen branches around Australia. We have a strong focus on customer satisfaction and pride ourselves on our high levels of service. Most of our workshop courses are modular which means you can attend only the days you need and to fit training in to your busy schedule.

Attendance on consecutive days is not essential and you can repeat any days in a 12 month period.





Leading supplier of electronic security, communications and lifestyle products throughout Australia and New Zealand.

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issue one | spring 2011



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## Overview

*With a strong commitment to ongoing research and development, our superior products and service will impress you.*



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## Product Highlight

*Security Commander - the most powerful Windows management software for Challenger.*



08

## Product Catalogue

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

**Tools & Accessories**  
Now Available From Your Local DAS Branch





Hills Holdings 



# OVERVIEW

**D**AS joined the Hills family in 1987. Today DAS is recognised as Australia and New Zealand's leading wholesaler and manufacturer of electronic security, communications and lifestyle products.

With over **30 years** serving the security industry, we have big company reach with small company service to support your business on the ground with **16 local** branches.

Our advanced electronic security systems protect and monitor sites across Australia and New Zealand including most of the leading banks, petrochemical sites, mining sites, prominent national landmarks and federal and state government buildings.

Our continually expanding branch network features a highly advanced logistics system to ensure availability of tens of thousands of stock items in strategically positioned local warehouses. This means you save time travelling to pick up stock and can get projects done on time with ease.

Local staff teams will be there to support you throughout your project. They have extensive industry experience and can help you with every step of your project from start to finish. Have complete peace of mind that our service continues even after we've delivered your order.

DAS is dedicated to providing the best levels of support and we are continually adding resources to benefit you. This includes the Hills Training Institute (HTI) which delivers professional training courses at our conveniently located branches.

With a strong commitment to ongoing research and development, we continue to expand our product offering to be relevant to the Australian market with a focus on cutting edge technologies.

**“With over 30 years serving the security industry, we have big company reach with small company service to support your business on the ground with 16 local branches.”**



# // SECURITY COMMANDER™

most powerful Windows™  
management software for  
Challenger™



.....

The most powerful Windows management software for Challenger™ is now available from DAS. Security Commander is a highly-scalable multi-site application that can support up to 128 Challenger panels, over 6,000 intelligent doors and 32,000 alarm points. Powered by a SQL database engine, Security Commander supports multi-site partitioning and up to 10 operator workstations. It also integrates with Hi-O, Aperio, and Interlogix DVRs for a complete security solution.

.....

"Operators can intuitively control inputs, areas, and doors from Security Commander's user-friendly maps."



Product Highlight:

# // SECURITY COMMANDER

Windows Management Software



#### Specifications:

Windows 7 Compatible

Up to 128 Challenger panels

Up to 6,144 intelligent doors

Up to 32,768 alarm points

Up to 10 operator workstations

One of Security Commander's standout features is its client-server architecture, capable of allowing up to 10 operator workstations to manage the system simultaneously. Multi-site partitioning further enhances Security Commander's ability to manage geographically dispersed sites over an IP network or multiple tenant offices in the same building.

Security Commander is compatible with Windows 7 and is intelligently based on a SQL database, ideal for easy access to raw data for powerful database replication, information exchange and custom reporting. An XML-based API additionally allows integration to third-party HR or payroll systems.

Operators can intuitively control inputs, areas, and doors from Security Commander's user-friendly maps. Retrieving video is also easy via retrieving video via graphical icons displayed on a map of your facility. Icons are fully-customisable and capable of dynamic updates to indicate multiple changes of state.

Even more exciting news is Security Commander's video integration capabilities with supported Interlogix DVRs, allowing Challenger alarms and other events to be linked to video footage for improved operator response and easier post-event investigation.

Eager to find out more? Contact your local DAS branch today for a demo and information about training dates or visit our website at [www.das.com.au](http://www.das.com.au).



### Version 8 Challenger Panel

- Includes Plug Pack in TS0307 Enclosure
- Supports 50 users, 16 alarm inputs, 16 areas, 128 alarm groups, 10 door groups, 10 lift / floor groups, 16 remote arming stations (keypad or reader), and 100 events
- Expandable to 65,535 users, 256 inputs, 255 freely programmable relay outputs, 64 access control doors (48 fully intelligent), 245 alarm groups, 255 door groups, 128 lift / floor groups, and 1,000 events

TS0816

Part No. S5090



### Intelligent 4 Door Controller (4DC)

- Includes Transformer in TS0329 Enclosure
- 11,466 on-board users (expandable to 65,535)
- Local RS-485 bus supports up to 4 readers per door with in / out configuration
- 4 Wiegand reader connections
- 4 relays for lock control
- User counter, interlocking, card + PIN, 3x badging, anti-passback
- 16 alarm inputs

TS0867

Part No. S5043



### Intelligent 4 Lift Controller (4LC)

- Includes Transformer in TS0329 Enclosure
- 11,466 on-board users (expandable to 65,535)
- 4 lifts and up to 64 floors
- 4 relays on board expandable to 150 for floor control (max. 64 floors per lift)
- Local RS-485 bus for up to four readers per lift
- High level interface to EPL/Kone and Otis lifts
- Supports up to 48-bit format cards

TS0869

Part No. S5113



### Smart Single Door Controller

- Board Only
- Request-to-exit (RTE) input
- Includes one relay for unlocking a door
- Integrated tamper detection
- Provides reader LED control
- Up to 20 user records can be programmed into the controller's memory for offline mode
- Connect directly into the Challenger Bus or 4 Door Controller Bus

TS0862

Part No. S5087



### HiO Gateway

- One connection to the TS0864 links all Hi-O devices around the door straight onto the Challenger Door Controller LAN
- Challenger readers or keypads can be conveniently terminated at the same location as Hi-O devices
- Onboard inputs and outputs for non-Hi-O based devices such as local door alarm annunciation devices or additional door contacts
- Plug 'n' play feature

TS0864

Part No. S3143A



### AC 8 Input Data Gathering Panel (DGP)

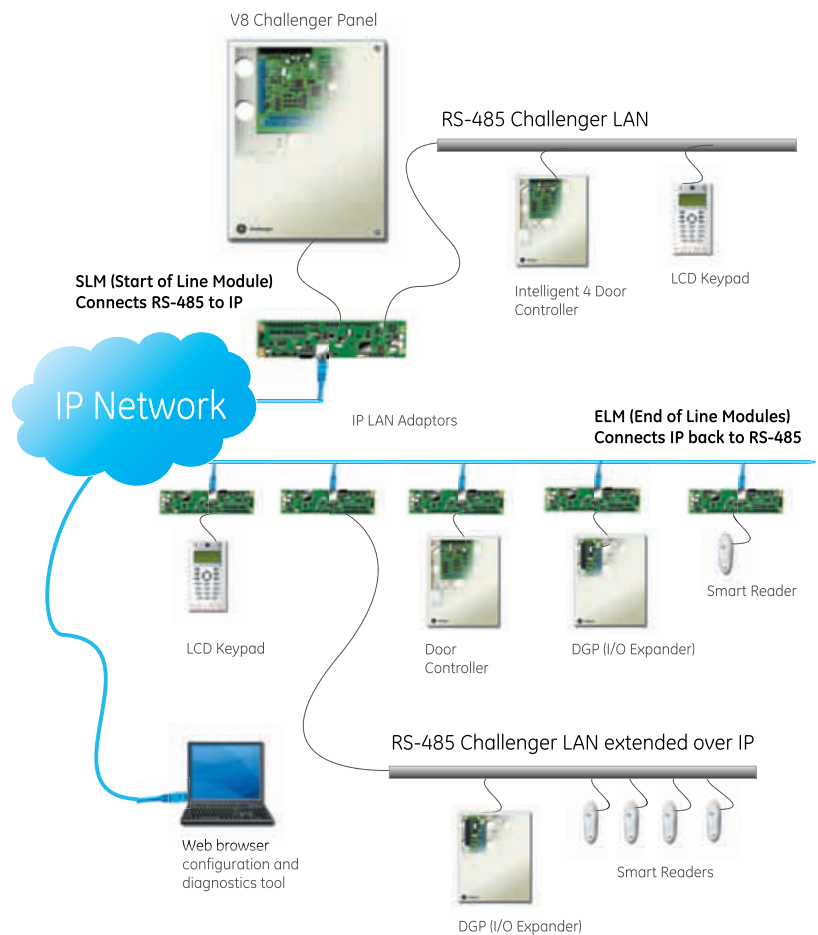
- Includes Plug Pack and TS0307 Enclosure
- 8 zone inputs (expandable to 32 inputs)
- Can be used with TS0840, TS0841, or TS0842 expanders to add 8 or 16 relays or outputs
- DGPs are polled for online state
- 1 siren output (except when used at DGP address 15)
- Tamper input
- Siren output

TS0820

Part No. S5016

# Run Challenger™ LAN over existing IP networks

- Save time and money by connecting Challenger LAN devices over existing IT infrastructure
- Simultaneously IP enable all individual LAN modules, entire sections of LAN, or any combination of both
- 128-bit AES encrypted communications
- Device configuration over IP network via web browser — No need to connect directly to each device



**NEW!!!**

Introducing the TS0098 Challenger IP LAN Adaptor.

TS0098 modules enable Challenger LAN data to be carried over an IP network

For more information contact your local DAS representative

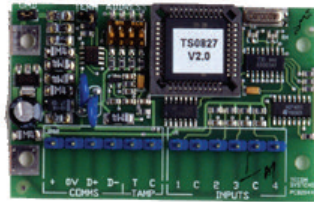


### DC 8 Input Data Gathering Panel (DGP)

- Board only
- 8 zone inputs (expandable to 32 inputs)
- Can be used with TS0840, TS0841, or TS0842 expanders to add 8 or 16 relays or outputs
- DGPs are polled for online state
- 1 siren output (except when used at DGP address 15)
- Tamper input
- Siren output
- 13.8VDC Power
- Size A PCB

TS0824

Part No. S5097



### DC 4 Input Data Gathering Panel (DGP)

- Board only
- 4 zone inputs
- DGPs are polled for online state
- Tamper input
- 13.8VDC Power
- Size B PCB

TS0827

Part No. S5119



### Wireless Data Gathering Panel (WDGP)

- Inovonics wireless Echostream® technology
- Only supports ES series of transmitters
- Max 32 transmitters per DGP
- Max 240 transmitters per system
- 1.5km from the Challenger panel
- Works with Inovonics repeaters to extend wireless range
- Rear and front tamper protection
- IP55 plastic enclosure

TS0825E

Part No. S1355A



### TCP/IP Computer/Printer Interface

- Provides network interface for self-administered security systems and/or interface with central station receivers
- Alarm reporting over IP using Contact ID format
- Plugs directly onto the Challenger V8 board to enable IP communication
- High security using 128-bit Twofish encryption
- Integrated firewall protection with configurable port number

TS0099

Part No. S3071A



### IP LAN Adapter

- IP communication for Challenger LAN
- 128-bit AES (Advanced Encryption Standard) secure encrypted communications
- Connect Challenger LAN devices RAS, DGP, Door/Lift Controllers over IP network infrastructure
- Link Challenger RS-485 LAN segments together over IP infrastructure

TS0098

Part No. S3216A

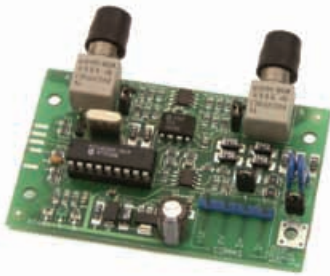


### RS232 Computer/Printer Interface

- Plugs directly onto the Challenger V8 board
- DB-25 connector and backshell are supplied for connection to a printer
- DB-9 connector and backshell are provided for connection to a computer

TS0091

Part No. S5012



**LAN to Fibre Module**

- Convert the Challenger LAN to Optical Fibre
- One or two optical fibre connections can be used with this interface
- When using one optical fibre connection, the TS0896 has the ability to be multi-dropped
- When using two fibres, the TS0896 must be wired in a 'point to point' configuration

TS0896B

Part No. S32385



**LAN Isolation Interface**

- Electrically isolate the Challenger communication LAN where voltage differentials may exist
- 1500V isolation
- Typically, this device would be used to isolate devices connected between two different buildings

TS0893

Part No. S5163



**LAN to RS232 Interface**

- Convert the Challenger LAN data into RS232 for a leased line modem
- Where the Challenger LAN is to be connected to a modem, the TS0894 converts it to RS232, which would connect to another modem, and a second TS0894 would convert the data back to the Challenger LAN format
- CTS & RTS are used to control data flow when using modems

TS0894

Part No. S5154

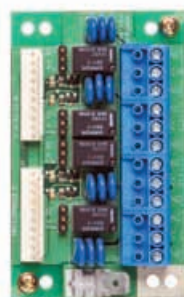


**8 Input Expansion Module**

- Add 8 Inputs to a DGP

TS0021

Part No. S5017



**4 Way Relay Board**

- Board Only
- Add up to 4 dry contact relays (24V 1A) to the Challenger, Access Controllers, or DGPs
- When fitted to a Challenger Panel or Access Controller, the TS0840 cannot be combined with other relay boards
- TS0840 provides up to 3 relays to the Challenger Panel, 4 relays to the Access Controllers, or 8 relays on a TS0820 DGP (using two TS0840s)
- Leads for connection are included

TS0840

Part No. S5019



**8 Way Relay Board**

- Board Only
- Add up to 8 dry contact relays (24V 1A) to the Challenger, Access Controllers, or DGPs
- The TS0841 & TS0842 can be used in combination, providing the maximum output count is not exceeded
- Max 32 TS0841 per Challenger Panel or Access Controller
- Max 2 TS0841 per DGP
- Leads for connection are included

TS0841

Part No. S5020



### 16 Way Open Collector Controller

- Board Only
- Add up to 8 open collector outputs (12V 50mA) to the Challenger, Access Controllers, or DGPs
- The TS0841 & TS0842 can be used in combination, providing the maximum output count is not exceeded
- Max 16 TS0842 per Challenger Panel or Access Controller
- Max 1 TS0842 per DGP
- Leads for connection are included

TS0842

Part No. S5021



### Power Distribution Board

- Easily star connecting Challenger LAN devices
- Single protected input port and five paralleled output ports, either power and LAN communications or power alone can be connected
- Keep wiring in place & easily trace back to their source
- Moving the jumper position on the board will determine power and/or LAN communication connection to the TS0844

TS0844

Part No. S5164



### Retrofit 1M Memory Expansion

- Increases the total number of PIN or card users on the system to 11,466
- Increases system capacity to 255 alarm groups, 255 door groups, 128 floor groups, 1,000 alarm events, 1,000 access events, 46 time zones
- When Software IUM is enabled, allows card formats up to 48 bit, 2,000 users (cards), 2,000 users with PIN, or 200 users with name data

TS0882

Part No. S5811



### 4M IUM Memory Expansion

- Increases the total number of PIN or card users on the system to 17,873
- Increases system capacity to 255 alarm groups, 255 door groups, 128 floor groups, 1,000 alarm events, 1,000 access events, 46 time zones
- Allows card formats up to 48 bit, 17,873 users (cards), 17,873 users with PIN, or 200 users with name data

TS0883

Part No. S3101A



### 8M IUM Memory Expansion

- Increases the total number of PIN or card users on the system to 65,535
- Increases system capacity to 255 alarm groups, 255 door groups, 128 floor groups, 1,000 alarm events, 1,000 access events, 46 time zones
- Allows card formats up to 48 bit, 65,535 users (cards), 65,535 users with PIN, or 200 users with name data

TS0884

Part No. S3102A



### Titan Management Software

- Management software for Windows
- Back-up and archiving facilities for both database and history information
- Alarm handling, monitoring and control via graphic maps
- Multiple operators, each having specific access rights and restrictions
- Supports multiple card reader technologies

TS9002

Part No. S5156

# Security Commander™

**NEW** Management Software for Challenger™

Available  
now at  
DAS

Windows 7 Compatible

Client Server Architecture

SQL Database

CCTV Video Integration

Multi-site Partitioning



**Hurry and book your training dates and demo with DAS today!**



## **Training & Support with DAS**

Together with Interlogix, DAS have developed a specialised training course to assist you to take full advantage of Security Commander's advanced features and capabilities.

Training will be available across our nationwide branch network. Be quick to secure your spot!

For more information, be sure to contact your local DAS branch or visit [www.das.com.au](http://www.das.com.au)



### 8 Area RAS

- Clear 2-line 16-character English LCD screen
- 8 programmable area status indicator LEDs
- Backlit display and keys
- System programming, alarm and access control functions
- Can be mounted up to 1.5km from Challenger Panel or Access Controller
- Program scrolling text display
- Egress button input
- Open collector output

TS0801

Part No. S5001



### 16 Area, 2 Line LCD RAS

- Attractive new design
- Easy to read LCD screen
- Backlit screen and keys
- 16 area LEDs
- Removeable front cover
- Tamper detection
- Customisable beeper tone
- Easy mounting with in built cable conduits

CA1110

Part No. S2311



### 16 Area, 4 Line LCD RAS

- Attractive new design
- Easy to read LCD screen
- Backlit screen and keys
- 16 area LEDs
- Removeable front cover
- Tamper detection
- Customisable beeper tone
- Easy mounting with in built cable conduits

CA1111

Part No. S2312



### 16 Area, 2 Line LCD RAS and Smart Reader

- Attractive new design
- Easy to read LCD screen
- Backlit screen and keys
- 16 area LEDs
- Removeable front cover
- Tamper detection
- Customisable beeper tone
- Easy mounting with in built cable conduits

CA1115

Part No. S2313



### 16 Area, 4 Line LCD RAS and Smart Reader

- Attractive new design
- Easy to read LCD screen
- Backlit screen and keys
- 16 area LEDs
- Removeable front cover
- Tamper detection
- Customisable beeper tone
- Easy mounting with in built cable conduits

CA1116

Part No. S2314



### Smart Card Proximity Reader

- Can automatically arm / disarm areas as well as unlocking the door
- Programmable LEDs for different functions
- High security 4-byte security code and read/write encryption
- Can accommodate up to 11,466 site codes and up to 65,535 user numbers
- Pay-per-use application
- Can be used as a Wiegand reader when connected to a Wiegand or magnetic stripe interface

TS0870

Part No. S5179



### Smart Card Programmer

- Programs a unique 4 billion, 4 byte combination site code

TS0870P

Part No. S5177



### Readers and Cards

- Speak to one of our staff to see our full range of readers and accessories



### Forcefield Node Hardware

- Integrated security management platform for Challenger
- Supports 32 Challenger panels, 5 Forcefield clients, 1 million users, 10 events per second
- Seamlessly combines access control, intrusion detection and video surveillance into a single unified system
- Optional CCTV interface, duress system interface, intercom system interface

TS9100

Part No. S1438A



### Forcefield Enterprise Server

- Integrated security management platform for Challenger
- Supports 128 Challenger panels per node, 20 Forcefield clients per node, 1 million users
- Supports 20 nodes and 99 DVRs per system
- Seamlessly combines access control, intrusion detection and video surveillance into a single unified system
- Includes activation license

TS9120

Part No. S1556A



### Forcefield Integration

- Speak to one of our staff for a demonstration of Forcefield's integration capabilities



### Security Commander

- Management Software for Challenger
- Supports 128 Challenger panels, 6,144 intelligent doors and 32,768 alarm points, 10 operator workstations
- SQL database engine
- Multi-site partitioning
- Hi-O and Aperio Support
- Integration with Interlogix DVRs
- Windows 7 compatibility
- XML-based API for integration to 3rd party HR or payroll systems

For more information on all DAS products contact:



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**Ph: 07 3881 2060**

