

# NIDAC

Security | Access Control | Solutions

Designed and made in Australia since 1966

PRESCO®

PRESCIENT®

PROVE®

FORGE

Catalogue June 2024



# NIDAC

Security | Access Control | Solutions

Designed and made in Australia since 1966

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PAC2	2 door controller
PEL1	Event Logger / Programmer
PIM	Interface Module

#### Domestic to small commercial access control

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# PRISCO®



Domestic to small commercial access control

# Door controllers

Compatible with PROCV<sup>®</sup> peripherals

- Simple installation for one and two door access control systems
- Two part system for higher security - controller and encoder
- Supports bulk entry programming of users
- Automatic door re-lock function



The PAC1 is a single door access controller that ensures secure door access due to the separation of the controller from the keypad or or proximity reader.

The unit can be easily programmed onsite using a keypad or via a PC with a PEL1 or PIM.

**PAC 1**



1



600



The PAC2 is a dual door access controller that ensures secure door access due to the separation of the controller from the keypads or proximity readers.

The unit can be easily programmed onsite using a keypad or via a PC with a PEL1 or PIM.

**PAC 2**



2



800

# PEL1 Event Logger

The PEL1 Event Logger and Programmer allows easy monitoring and programming of multiple PAC controllers. The PEL provides a user friendly platform for access control by interfacing with a user's PC.

- Logged events are locked into memory and cannot be edited or removed, ensuring integrity of the system
- Three operator levels - Programming, editing user details and viewing event only, restricting unauthorised use
- Stores 5,000 events with time & date stamping



Control and monitor  
up to 16 doors



**800**

Logs up to 800 users of up to 32  
characters for each username



Highly compatible  
with PROVE products



Australian design,  
manufacture and support



Simple installation and use



Each unit factory tested



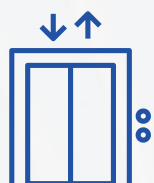
# PIM Interface Module Series 4

The PIM is used to convert commonly used data formats into the required data format to suit the target device.

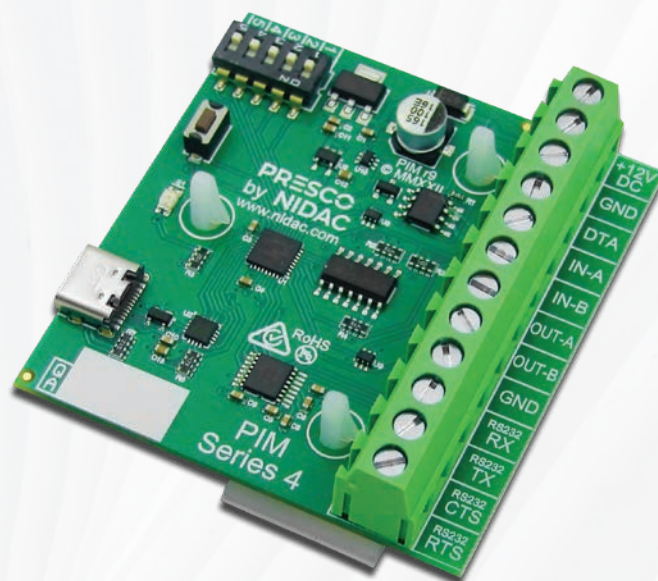
- The PIM series 4 with latest revision 4f is now capable of simulating the output of the now discontinued "Indala FlexPass Readers with TTL Output" using a compatible Wiegand output reader for card reading.
- Using the free PIMs4 v1.4 software, available from [www.nidac.com](http://www.nidac.com), simply set RS232 Send Data Config (mem 003) to "Start + Code + <CR><LF> + End" to enable the output compatibility and set DIP switch 2 to On, 1, 3, 4 & 5 Off.
- If using Wiegand format cards other than standard 26-bit Wiegand the "Wiegand Receive" settings will need to be changed to suit the format being used.



Solve data format issues



Keep lift cable runs clean



## Capable of over 20 different types of data conversions:

*Presco to:* **USB/RS-232/Wiegand/Clock & Data**

*Wiegand to:* **Presco/USB/RS-232/Wiegand/Clock & Data/Presco (PDA/KC series)**

*Clock & Data to:* **Presco/USB/RS-232/Wiegand/Clock & Data/Presco (PDA/KC series)**

*Dallas iButton to:* **Presco/USB/RS-232/Wiegand/Clock & Data/Presco (PDA/KC series)**

*RS-232 to:* **Presco/Wiegand/Clock & Data**

*USB to:* **Presco/Wiegand/Clock & Data/Presco (DLOG)**

*Presco (DLOG) to:* **USB**

# PRISCIEN<sup>®</sup>T



Domestic to SMB/SME networked access control

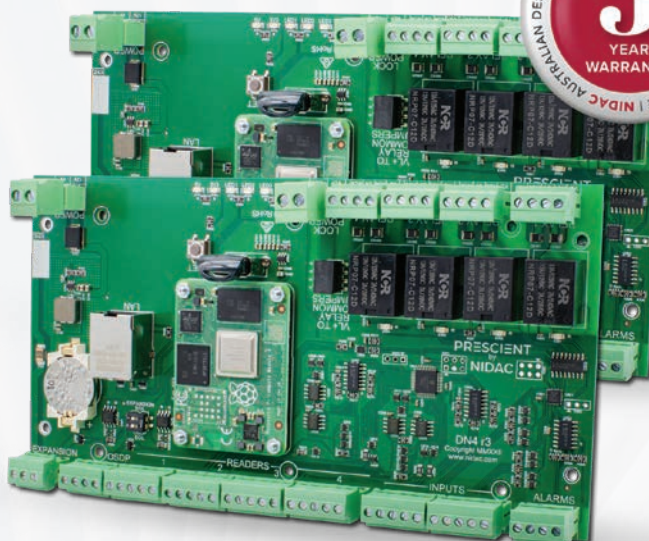
## 4 door networked controller

The DN4 is an extremely powerful access control device. Designed from the beginning with ease of install, scalability for large applications and future expansion in mind.

- Up to 4 door control per DN4, optimised for 256 doors when networked
- Hardware optimised for 100,000 users
- Comes integrated with user friendly and powerful browser based Prescient UI



### DN4-PSKIT-1



### DN4

Quick and easily scalable installation with modern mesh network architecture

Boasting a powerful on-board CM4 computer and OSDP and NIDAC Expansion Bus ports, the DN4 is a modern access control solution with room for even more future innovation. Each device is factory tested and comes with a 5 year warranty and includes the Prescient UI ready out of the box.



Networked system,  
manage 256 doors



100,000 users



User friendly, browser  
based UI included



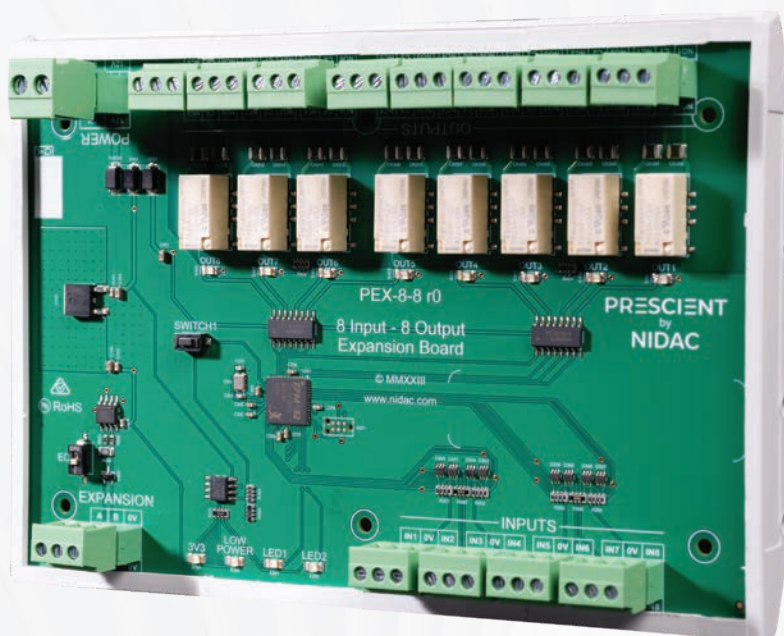
Powered by  
next gen SoC



## Prescient Expansion Board 8 input | 8 output

- 8 Analogue inputs
- 8 Outputs 2 Amp Relays SPDT (1 form C)
- Connected via multi-drop NPB to DN4

### PEX-8IO



#### Supports:

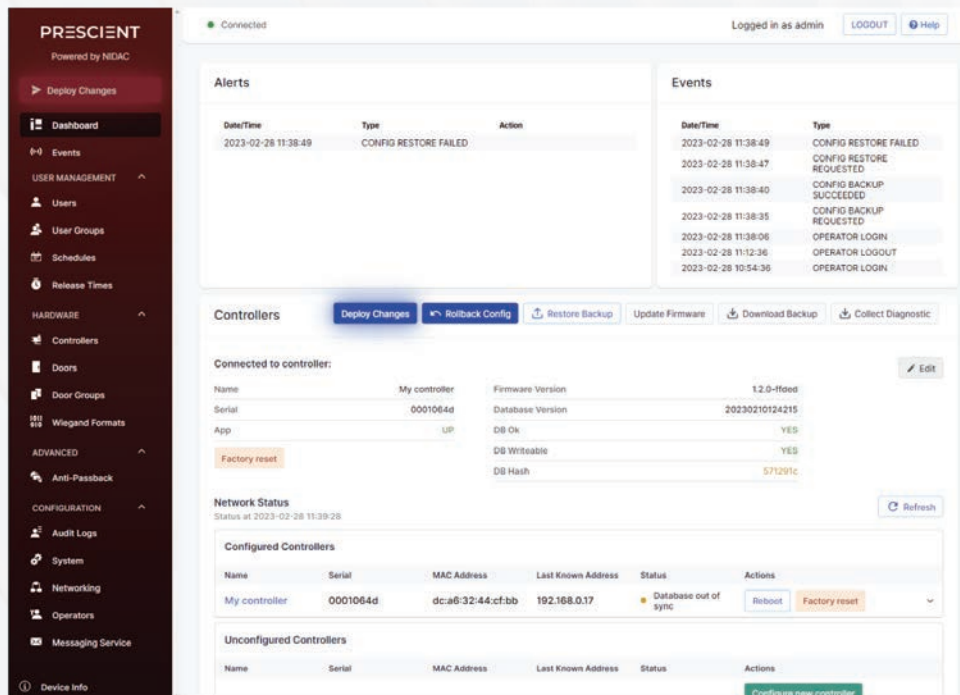
- Automation functionality
- Lift Control / Key locker and Intercom integration
- Extra I/O for access control

# DN4 UI

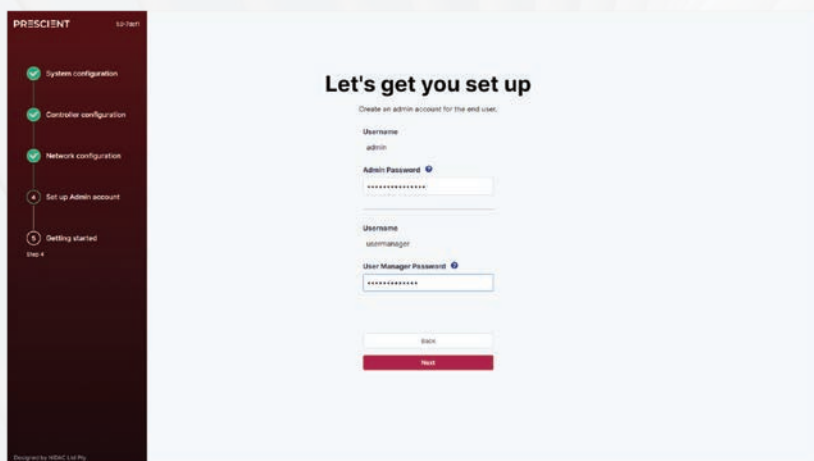
## Your gateway to access control

Integrated with all DN4's, no application file installation necessary

Developed with ease of use but high capability in mind. Operators can monitor and respond to events, alerts and controller status in real-time and is able to deploy system changes quickly from any screen.



- Simple to set up and easy to use with tooltips and guided initial config wizard
- Flexible and feature-filled, includes scheduling, live alerts, anti-passback system and more
- Powerful and highly configurable credential data format engine
- Integrated with all DN4 access controllers, no application file installation necessary



### Quick Start Guide

The 15 step guide is designed to assist in setting up and quickly familiarising the user with the interface of the Prescient system post-installation of the DN4 controller.



Peripherals and credentials

# Indoor keypads and readers

Compatible with PRESCO<sup>®</sup> and PRESCIENT<sup>®</sup> controllers

- For use in sites where two part keypad security is desired, but weather and vandal resistance are of a lower priority
- A sleek, minimalist aesthetic for interior installation and use in mind
- Easy to updated from older legacy NIDAC peripherals, no reprogramming required



## PSK-2

The PSK2 - Prove Standard Keypad.  
Presco format only.  
Can be integrated with other formats via a PIM



## PSC-2

The PSC2 - Prove Standard Combo is a RFID reader and keypad, compatible with EM, Wiegand & HID 125kHz proximity card and fobs.



## PSR-2

The PSR2 - Prove Standard Reader is a RFID indoor contactless reader, compatible with most Wiegand, EM & HID 125kHz input control panels.



Domestic and commercial



Australian design,  
manufacture and support



Each unit factory  
tested



# PSE-IL rugged keypad

Compatible with PRESCO<sup>®</sup> and PRESCIENT<sup>®</sup> controllers

A vandal and weather resistant keypad designed to be used in harsh environments. Add a PSE-IL to a PAC access controller to get the features of the Presco system, with the added benefit of rugged durability.



Compatible with  
Presco and  
Prescient controllers



Each unit factory tested



Vandal resistant



- Durable and attractive keypad construction (chromed Zamak)
- Vandal Resistant
- Highly Weather Resistant
- 12 or 24 Volt D.C. Backlighting
- Compatible with Presco PAC access controllers and all other Presco decoders
- Only 12mm thick face when fitted
- Easily surface mounted using NP-PSE-SMT or flush mounted using NP-PSE-FMT
- Two wire operation (third required for backlighting)
- Audible confirmation of all actions

## BDF keypads

Compatible with **PRESCO®** and **PRESCIENT®** controllers

The Prove Series B keypad/reader is weather resistant and tested to IP67, making it suitable for either indoor or outdoor use.



Compatible with Presco and Prescient controllers



IP and RFID features achieved without the need for potting



Locator pip to aid the visually impaired



Includes slide and lock mounting plate

BDF43C



BDF62C



- Illuminated membrane keypad
- Configurable Tricolour LED light pipes provide visual feedback
- Tough polycarbonate shell and chassis for demanding outdoor environments
- 11 million code combinations
- Rugged and modern design
- Dual frequency reader



Each unit factory tested



Australian design, manufacture and support



Products can be deconstructed at the end of life and recycled

## NPE Credentials range

The Prove NC credentials range offers a variety of proximity card and fob styles, including subtle, corporate, practical or water-resistant options.



Medical or  
clinical settings



Waterproof



Programmable



Disability  
inclusive



### NPE-CRED-ISO

PROVE | ISO CARD | LF + HF |  
MIFARE CLASSIC EV1



### NPE-CRED-FOB

PROVE | FOB | LF + HF |  
MIFARE CLASSIC EV1



### NC-PRX-WRISTBAND-RW

Waterproof rubber wristband, read/write

### NC-PRX-WRISTBAND-RW

Waterproof wristband, read/write



# FORC



Diallers and accessories



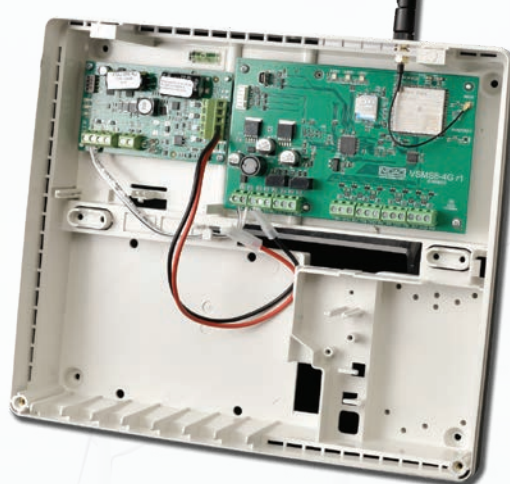
## GSM diallers

The Forge 4G Autodialler has broad applications for event notification and warning systems across a wide range of industries.

Not limited to: refrigeration, medical fridges, water pumps, agriculture, monitoring gauges and levels.

Use in climate and alternate power industries.

ND-VSMS8-4G



ND-VSMS8-4G-PS

Includes power supply suitable for 12V SLA battery backup

- LED indicators for power, SIM card status, 4G/3G signal and call in progress
- Dialler can be interrogated to determine the current state of the inputs/outputs via SMS
- Triggering of inputs sends SMS and/or calls numbers and plays voice message
- Programming can be done via free software found on [www.nidac.com](http://www.nidac.com)
- Store up to 99 numbers & assign 16 per input
- 12-24V D.C. allows integration with alarm, fire panels, other equipment
- Requires user-supplied micro SIM card
- 2 x 1A Relay outputs



Each unit  
factory tested



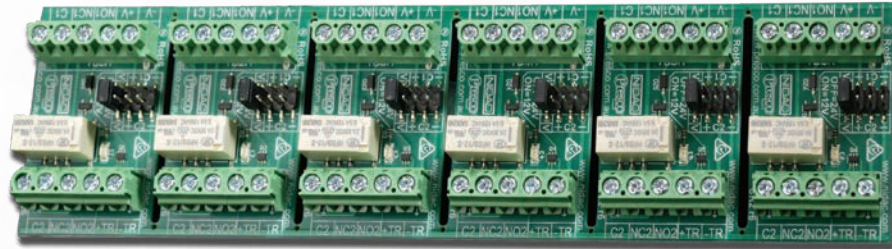
Australian design,  
manufacture and  
support



## CR 2 Control relay

The CR2 Control Relay is a 2 pole, double throw device available in a strip of 3 or 6 with common supply rails. The CR2 offers flexibility of use and is a suitable device for multiple applications including varied industrial uses.

**NR-CR2/6**



**NR-CR2/3**



Strip of 3 or 6 with  
common supply rails.  
Snap off design

- Expected lifetime of 100,00 operations at full load
- Amp. rated relay, low 1.2mA input current
- 12 or 24 Volt D.C. operation
- Easy mounting with the tape included
- LED indication of operation



Electric door  
strike control



SIU interface strobe  
lamp driver use



Voltage level  
shifting applications



Dialler interface use



Australian design,  
manufacture and support

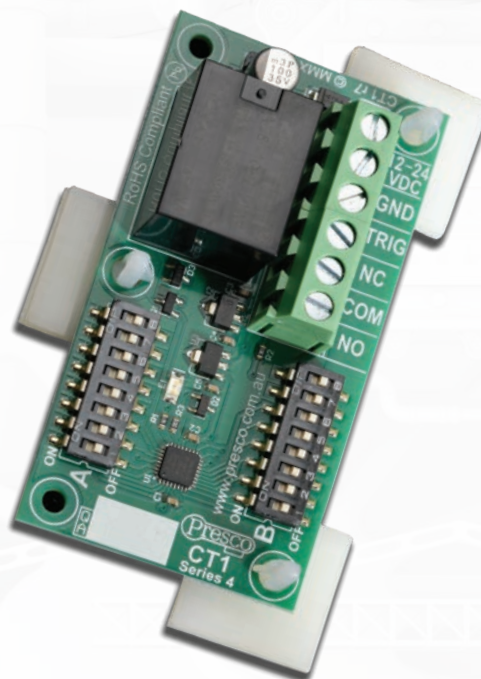


Each unit  
factory tested

## CT 1 Timer

The CT1 time can be used for holding doors open for an extended duration or other applications beyond the sphere of access control.

Used in varied commercial and industrial applications.



- *4 Selectable Timing Ranges:*
  - 1 to 255 seconds in 1 second increments
  - 10 to 2550 seconds (42½ minutes) in 10 second increments
  - 1 to 255 minutes (4 hours, 15 minutes) in 1 minute increments
  - 1 to 255 hours (10 days, 15 hours) in 1 hour increments

- Accurate DIP switch timing selection, no pots
- Selectable Positive, Negative or Dual Edge trigger
- Heavy duty 5 Amp. change over relay
- LED indication of relay operation

- 14 Operating Modes:

Single shot/ingle Single shot retriggerable/Single shot cancellable  
 Dual edge triggered single shot  
 Dual edge triggered single shot retriggerable  
 Bistable (clutch/toggle) operation  
 Trigger Extension  
 Maximum Puls / Minimum Pulse (retriggerable)  
 Hold off (Door Open Too Long)  
 Multi vibrator (strobe) with 1 second on time, selectable off time  
 Multi vibrator (strobe) with equal on/off times  
 Delay on / Delay on retriggerable (no activity timer)



Each unit  
factory tested



Australian design  
manufacture and  
support





