

NIDAC

Security | Access Control | Solutions

Designed and made in Australia since 1966

PRE=SCO

PRE=SCIENT=

PROV=

FORG=

Catalogue June 2023



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PRESCO

PAC1	1 door controller
PAC2	2 door controller
PEL1	Event Logger / Programmer
PIM	Interface Module

Domestic to small commercial access control

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PRESCIENT

DN4-R3	4 door controller
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Domestic to SMB / SME access control

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PROVE

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PSC2	Indoor keypad & RFID reader
PSR2	Indoor RFID reader
PRO24	Indoor/ outdoor RFID reader
PSE-IL	Rugged keypad
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PRESCO



Domestic to small commercial access control

Door controllers

Compatible with PROVE 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



PAC 1



1



600

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

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



PAC 2



2



800

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.

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



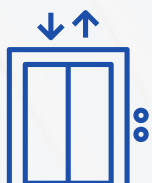
Each unit factory tested

PIM Interface Module Series 4

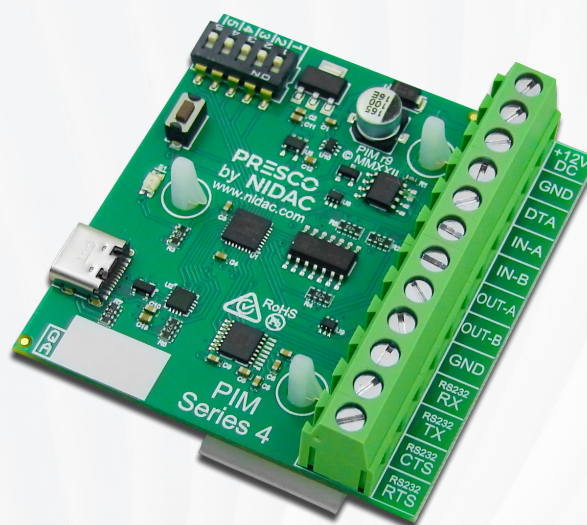
The PIM is used to convert commonly used data formats into the required data format to suit the target device.



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

PR≡SCIENT



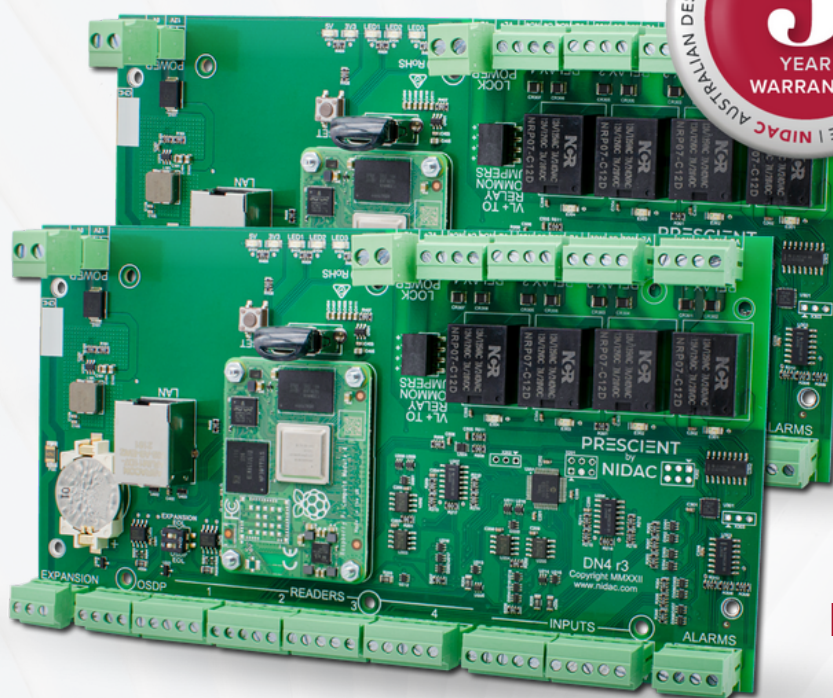
Domestic to SMB / SME networked access control

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 128 doors when networked
- Hardware optimised for 50,000 users

Comes with user friendly, powerful, browser based Prescient UI integrated



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 128 doors



50,000 users



User friendly, browser based UI included



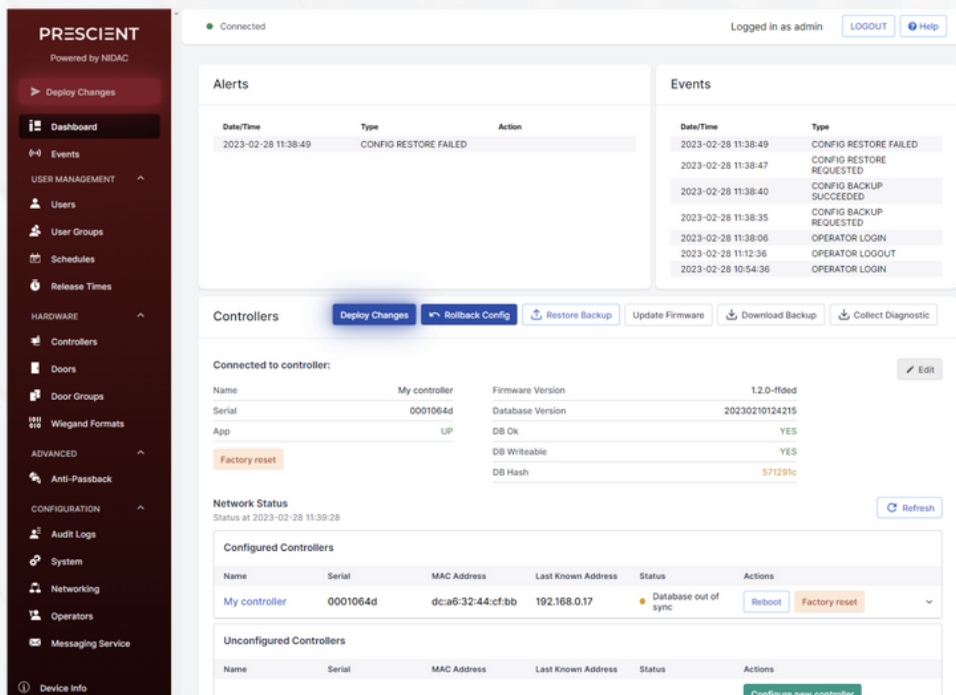
Powered by next gen SoC

DN4 UI

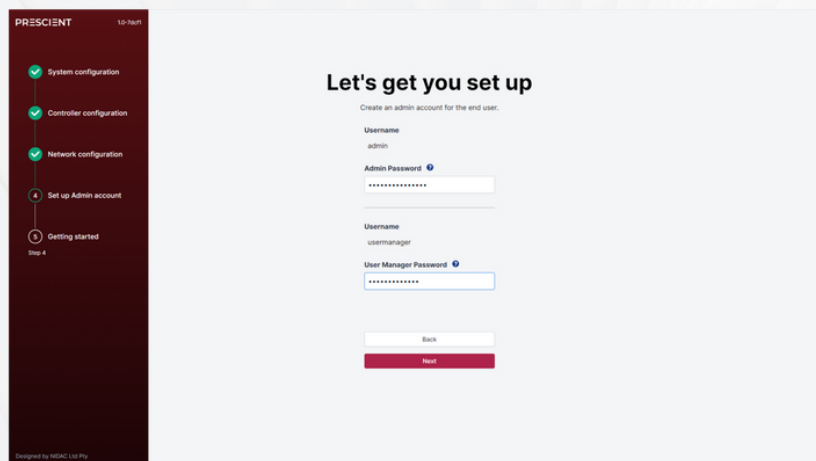
Your gateway to access control

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.

PROV



Peripherals and credentials

Indoor keypads and readers

Compatible with **PRESCO** and **PRESCIENT** 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 update 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 cards and fobs.



PSR-2

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



Domestic and commercial



Australian design, manufacture and support



Each unit factory tested

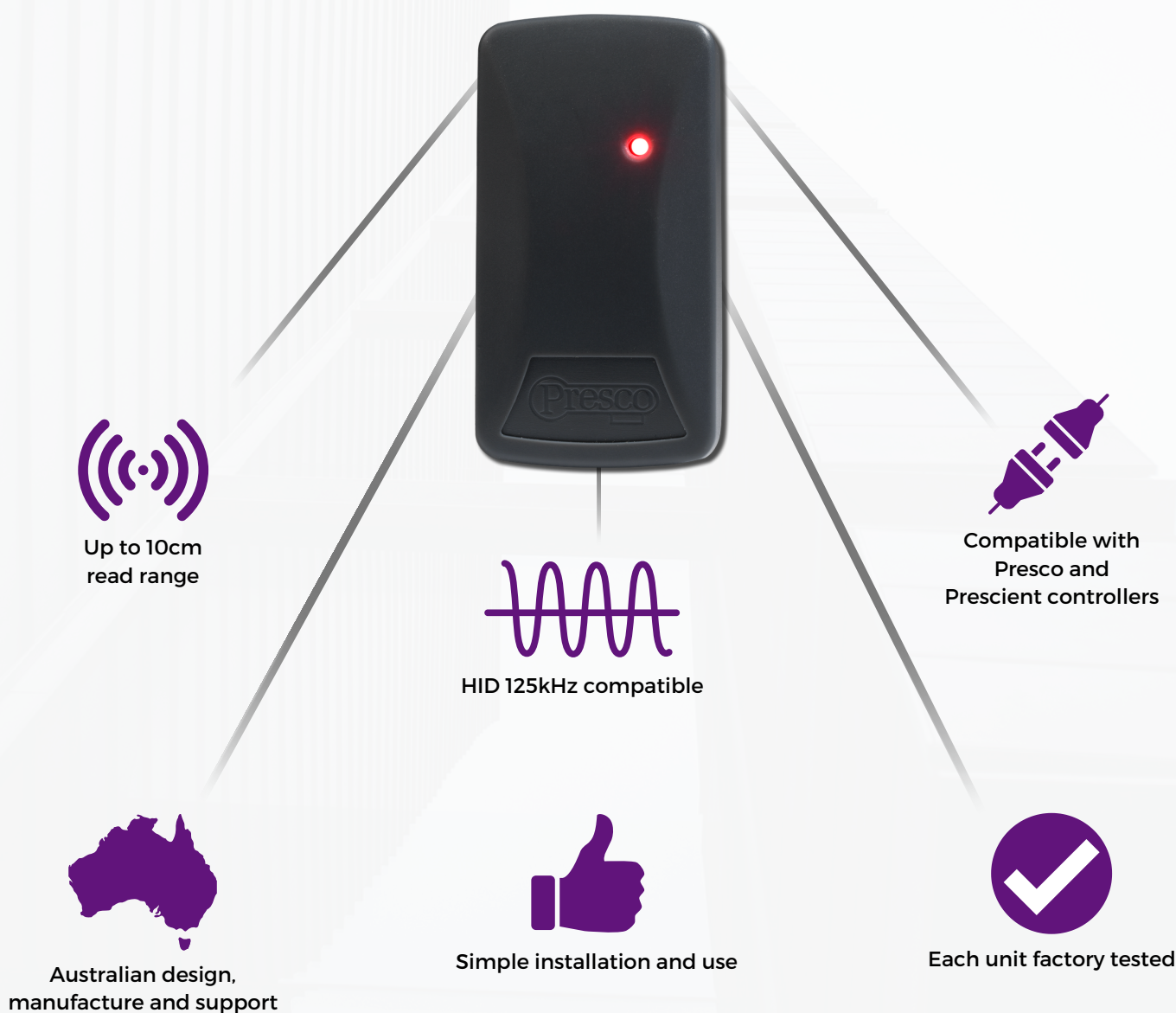
PRO24 indoor/outdoor RFID reader

Compatible with PRESCO and PRESCIENT controllers

The PRO24 is a robust, self contained RFID contactless reader. This model is weather resistant making it suitable for either indoor or outdoor use.

Compatible with Wiegand, Presco and Prescient controllers and EM & HID 125kHz prox cards and fobs.

Configured for enhanced Wiegand compatibility, suitable to replace and upgrade legacy Wiegand only readers



PSE-IL rugged keypad

Compatible with PRESCO and PRESCIENT 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 metal 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

VST43 & VST62 Stand alone keypads

The VST43 & VST62 keypads are standalone 2-door keypads suitable for indoor and outdoor use. Engineered for durability as well as strong vandal and weather resistance. The ability to control two doors independently makes the VST keypad range a strong yet cost effective option.



Each unit
factory tested



Vandal resistant



Simple installation
and use



- Robust IP67 rated sealed construction (resistant to saline mist) in stylish, streamlined metal design
- Up to 500 user codes with 3 levels of access
- Blue backlighting on keys with adjustable brightness. Green and Red LED Status Indicators
- Audio and visual feedback for all inputs
- 2x 2A SPDT relays, 1 dedicated REX (Request to Exit) input and 1 Auxiliary input

NC 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



NC-PRXCRD

Clamshell prox
card, read only



NC-PRXKEY-HD

Proxkey, heavy
duty, read only



NC-PRXKEY-RW

Proxkey, read /
write, with
keyring and clip



NC-PRX-WRISTBAND-RW

Waterproof rubber wristband, read/write

NC-PRX-WATCHBAND-RW

Waterproof watchband, read/write

FORG



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-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
- 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



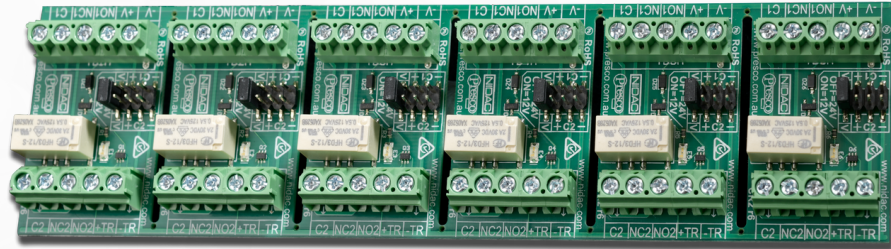
Australian design,
manufacture and
support



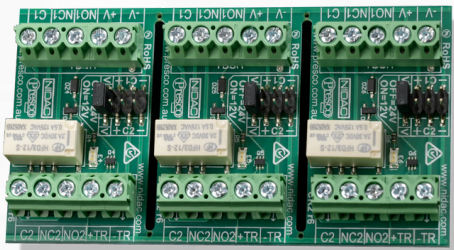
CR 2 Control relay

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 100,000 operations at full load
- Amp. rated relay, low 1.2 mA 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

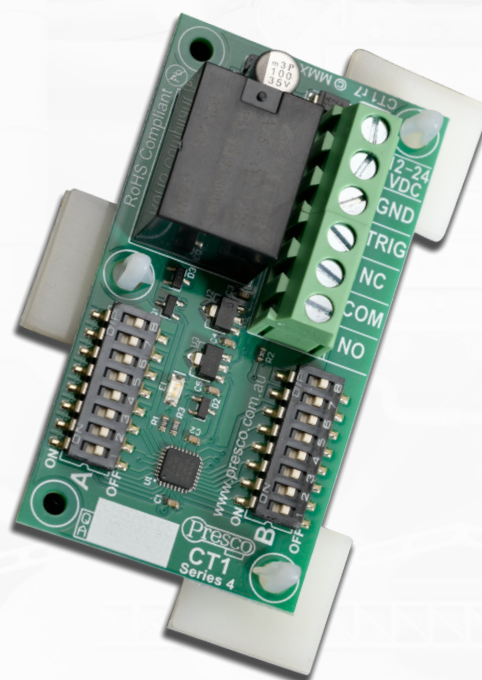


Each unit factory tested

CT 1 Timer

The CTI timer 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 / Single shot retriggerable / Single shot cancellable
 - Dual edge triggered single shot
 - Dual edge triggered single shot retriggerable
 - Bistable (clutch / toggle) operation
 - Trigger Extension
 - Maximum Pulse / 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



