

PRESCIENT DN4

4 Door Networked Controller

Quick Start Guide

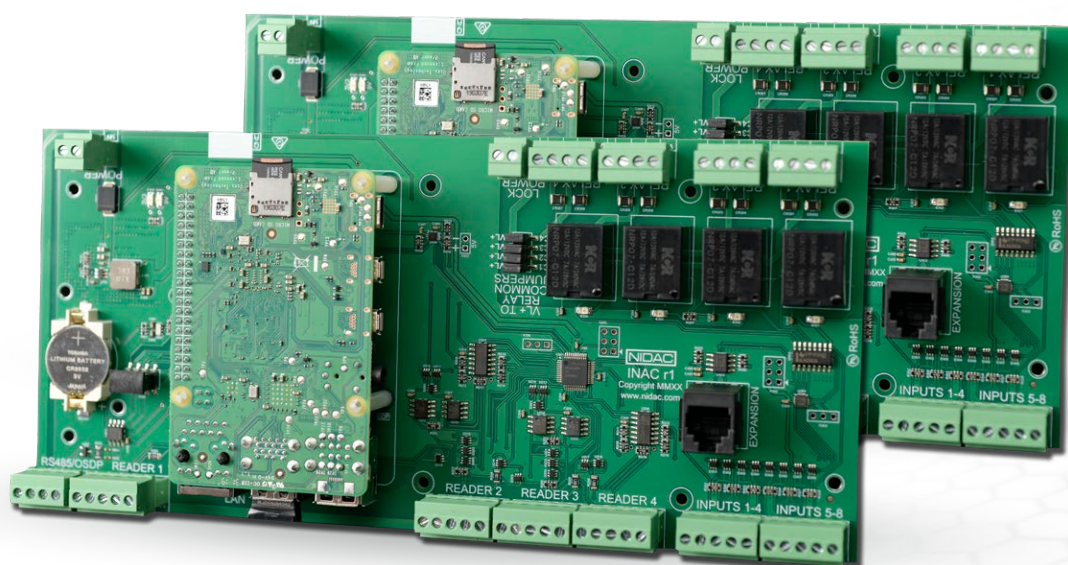
PRESCIENT DN4

Quick Start Guide

This 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.

The DN4 is a modular access control device built with modern hardware and future extensibility in mind. Its powerful hardware and mesh network architecture gives you the ability to scale solutions from small to large-scale sites with ease. The DN4 is compatible with Presco format and Wiegand based devices.

For hardware installation guide and other support, visit:
www.nidac.com



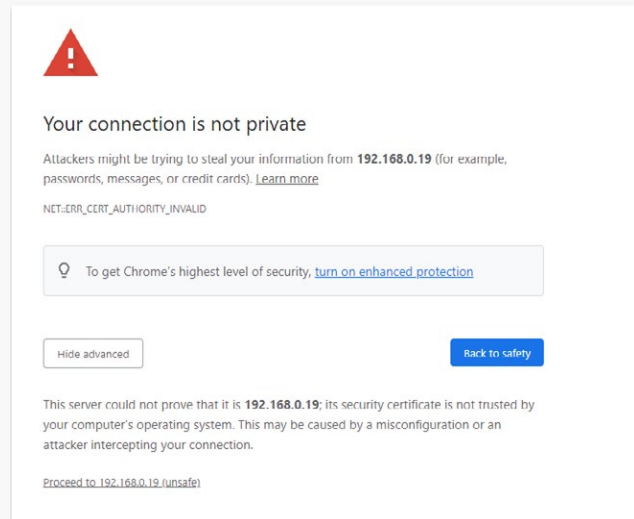
Shown: DN4 Rev. 1 hardware

Start & Initial Configuration

1

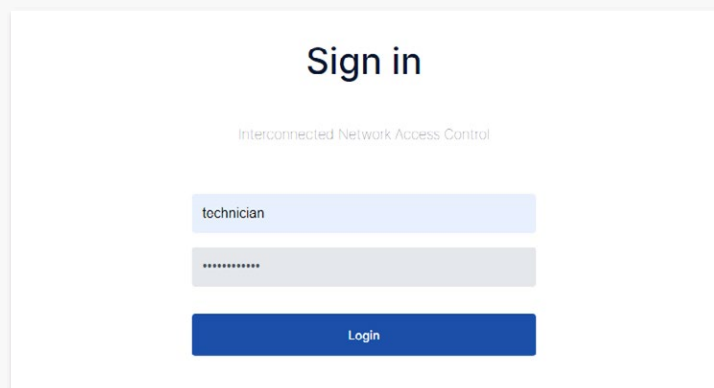
In your browser type in *https://**Your DN4 serial**.local* to discover the controller. The serial is found on the DN4 board.

As standard procedure, your browser will notify you that the address is unsafe or not private. This is default browser behaviour when an unrecognised device is connected to. This warning may be bypassed by selecting *Advanced* and then to *Proceed* to the address.



2

Sign in with the username *technician* and the default technician password which can be located on the DN4 board.

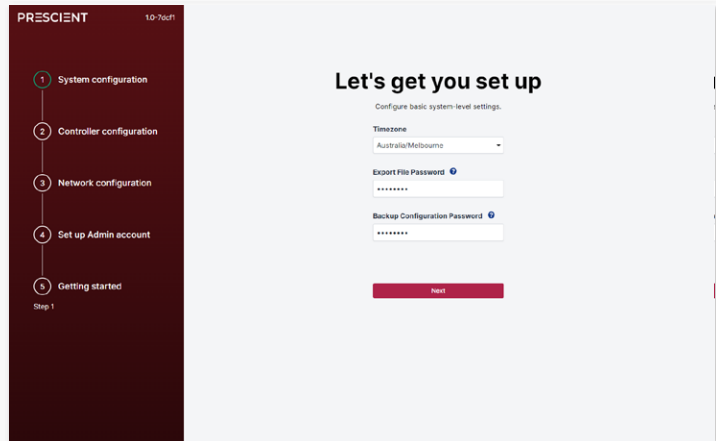


Start & Initial Configuration

3

Follow the prompts of the initial configuration wizard. Set up the system timezone.

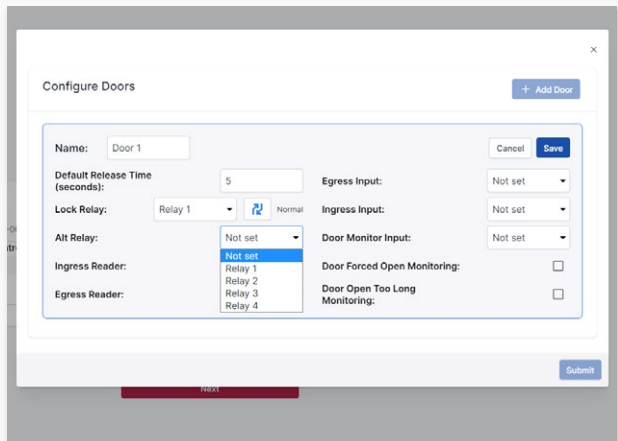
Optionally, enable and configure encrypted backups and exported files with passwords.



4

Select *Configure new controller*, name the controller then select *Save and Go To* and *+ Add Door* to configure a door, repeat as necessary to add desired doors (The IO is labeled on the board). Select ingress and egress readers if using Anti-Passback, and door monitor input if using Door Forced or Open Too Long Monitoring.

When complete, select *Save*, then *Submit* and finally *Next*.

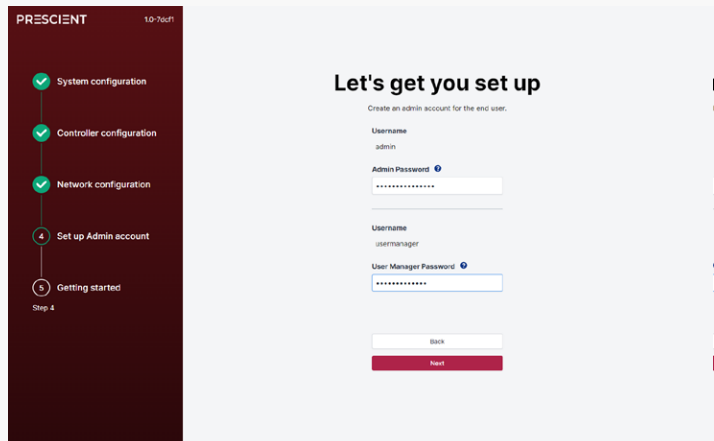


Start & Initial Configuration

5

Set up passwords for the site Admin and User Manager. If you are using a printed copy of this guide, we have supplied notes pages at the end to help document passwords and other site information for handover.

When done, select *Next*.



Technician:

Admin:

User Manager:

The operator login for initial setup

The operator login for the site owner/user

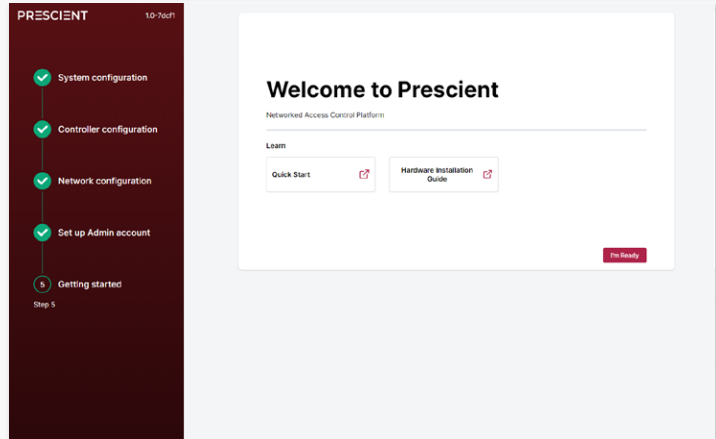
Only has User control permissions

Start & Initial Configuration

6

You will arrive at the Getting started screen, this will have links to optionally download documentation from the NIDAC website.

Select *I'm Ready* to finalise the initial configuration wizard.



Introduction to the Prescient UI

7

When you have completed the initial configuration wizard, you will arrive at the Prescient UI main Dashboard screen.

The sidebar is the main means of navigating the Prescient UI. Headings (for example, *HARDWARE*) can be collapsed or brought up again by selecting them.

The screenshot displays the Prescient UI main dashboard. On the left is a dark sidebar with the 'PRESCIENT' logo at the top and a list of navigation items: Deploy Changes, Dashboard, Events, USER MANAGEMENT (Users, User Groups, Schedules, Release Times), HARDWARE (Controllers, Doors, Door Groups, Wiegand Formats), ADVANCED (Anti-Passback), and CONFIGURATION (Audit Logs, System, Networking, Operators). The main content area is light gray and features a top right corner with 'Logged in as technician' and a 'LOGOUT' button. Below this are three panels: 'Alerts' and 'Events' (both with 'Connected' status indicators and empty tables), and a larger 'Controllers' panel. The 'Controllers' panel includes a 'Deploy Changes' button and several action buttons: 'Rollback config', 'Restore Backup', 'Update Firmware', 'Download Backup', and 'Collect Diagnostic'. It shows 'Connected to controller:' details for 'Controller 1' (Serial: 000104fc, Firmware Version: 7523ab25-2022-09-30, Database Version: 20220919115123, App: UP, DB Ok: YES, DB Writable: YES, DB Hash: 2e1b5c3) with a 'Factory reset' button and an 'Edit' icon. Below this is 'Network Status' (Status at 2022-10-03 10:15:34) with a 'Refresh' button. At the bottom is a 'Configured Controllers' table with columns for Name, Serial, MAC Address, Last Known Address, Status, and Actions. The table lists 'Controller 1' with Serial '000104fc', MAC Address '...', Last Known Address '192.168.0.19', and Status 'Database out of sync'. The Actions column for this controller includes 'Please deploy', 'Reboot', and 'Factory reset' buttons.

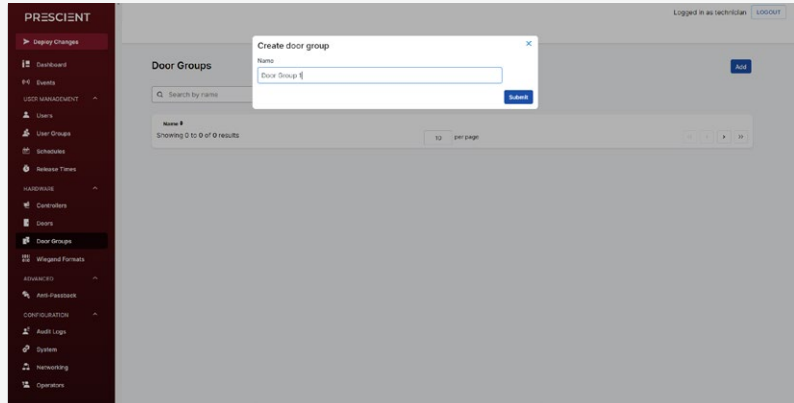
The main window shows the currently selected screen. On the Dashboard screen, this includes smaller windows for Alerts, Events and Controllers.

Door Groups

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In the sidebar, navigate to *Door Groups*.

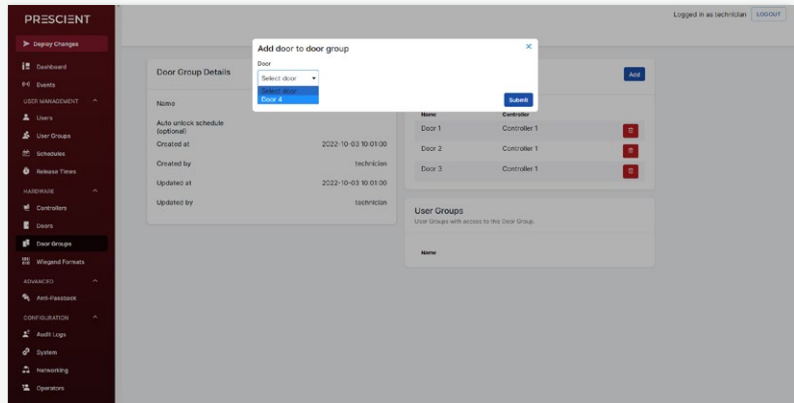
Select **+ Add** and name the Door Group that the doors will be assigned to.



9

Select the newly created Door Group, then select **Add** to apply the associated doors.

Repeat as necessary.



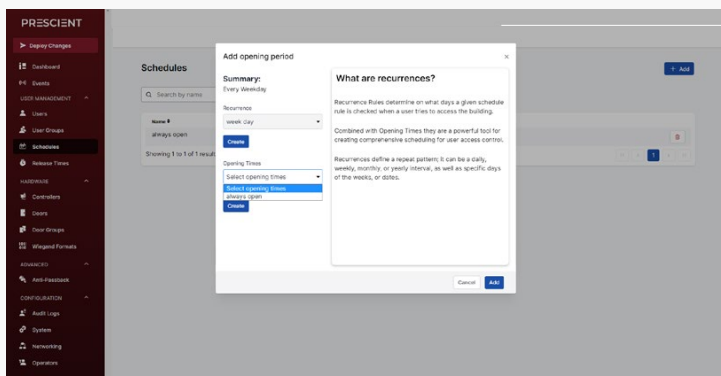
Schedules

Opening Periods: define when authorised users can receive access
Holiday Periods: are the exception and always overrule Opening Periods

10

In the sidebar, navigate to **Schedules**.
 Select **+ Add**. Name the new schedule and select **Add Opening Period**.

Configure the Recurrence dates and Opening Time hours from preset parameters, or use **Create** to define new ones, then select **Add**.

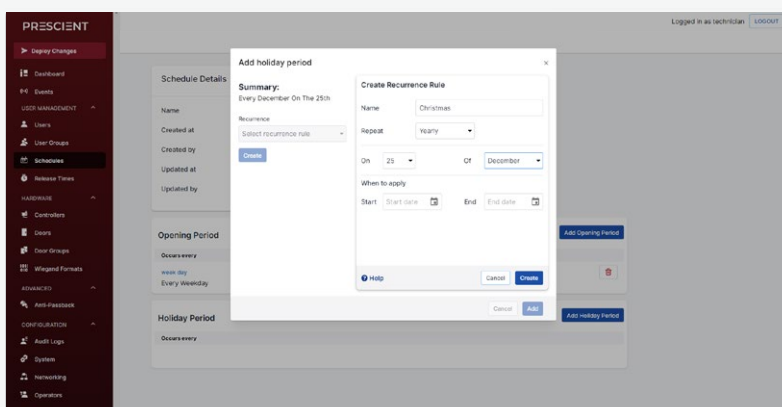


11

OPTIONAL:
 Select **Add Holiday Period** and configure Recurrence dates, much the same as when configuring the Opening Period. Then select **Add**.

Repeat these steps as necessary to define opening and Holiday periods.

Finally select **Add Schedule**.



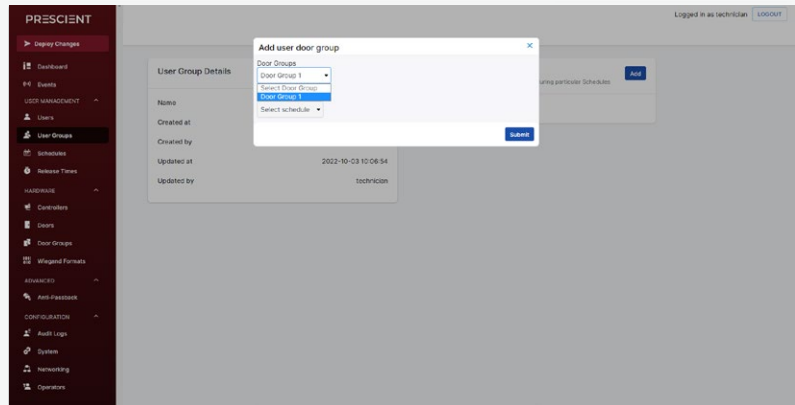
Users and User Groups

12

In the sidebar, navigate to *User Groups*. Select *Add*, name the User Group and *Submit*.

Select the new User Group and select *Add* to choose the Door Groups and Schedules for the User Group needed.

Select *Submit*.

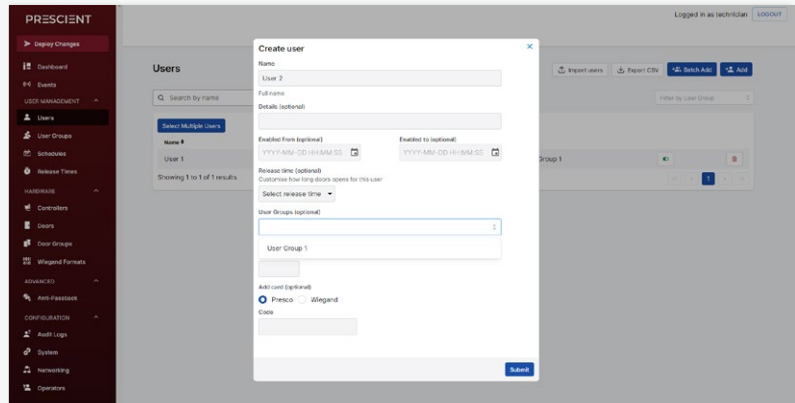


13

In the sidebar, navigate to *Users* to create a new User with *Add*.

Set up the user details and assign them to a User Group.

When completed, select *Submit*.

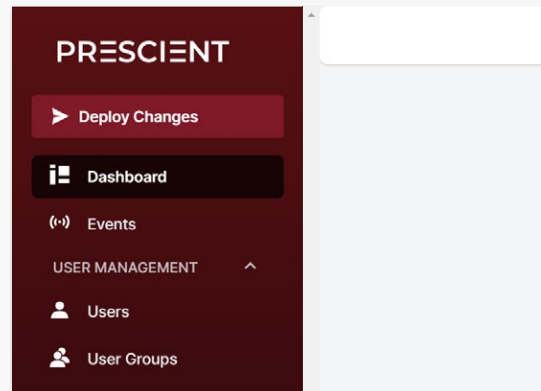


Use Batch Add to add groups of users when assigning a large number of credentials.

Deploying Configuration

14 Once you have completed your initial set up, find and select the *Deploy Changes* button on the sidebar, then follow the prompts.

This stores your configuration changes across all configured controllers and should be used any time changes are made.



15 The status of the deployment will be displayed. If the deployment fails, ensure all controllers are adequately powered and connected and retry.

Here is an approximate estimate of time for deployment and other operations per mesh, based on an assumed 10,000 user database with heavily configured schedules:

Operation	Time (per 4 controllers)
Deploying configuration	20 seconds
Firmware update	2.5 minutes
Diagnostics	20 seconds

Your Quick Start setup is complete

With the fundamentals of the Prescient system familiarised, you may fine tune the configuration to suit the site's required access control needs.

For additional support and product information, including information on compatible Prove devices, visit: www.nidac.com

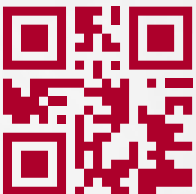


Notes

NIDAC

Security | Access Control | Solutions

Designed and made in Australia since 1966



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