

PRESCIENT DN4

4 Door Networked Controller

Quick Start Guide

PRESCIENT DN4

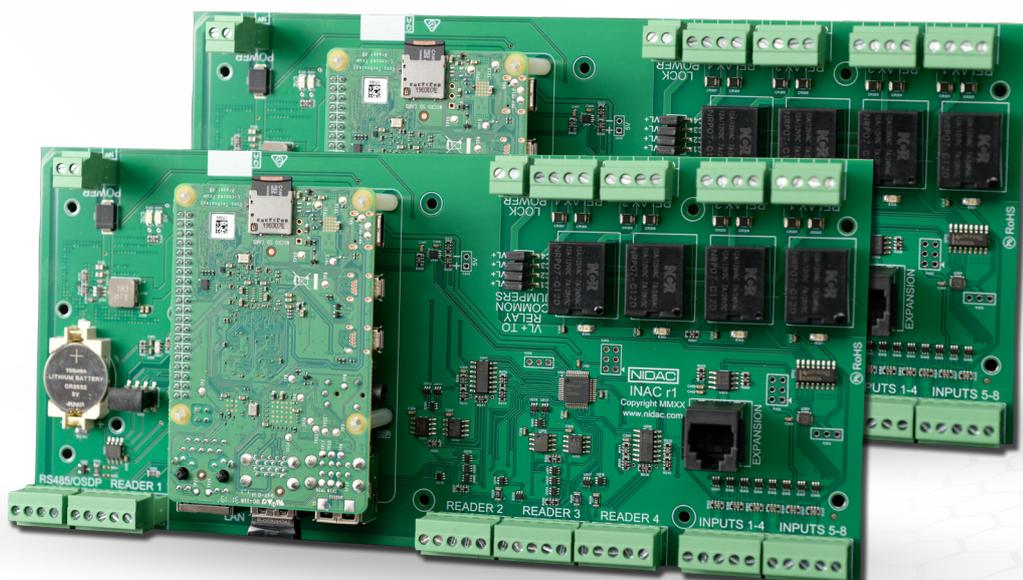
Quick Start Guide

This **16 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



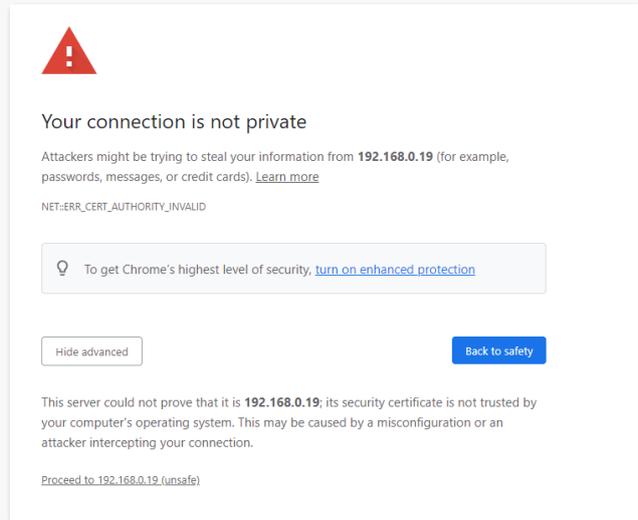
Shown: DN4 Rev. 1 hardware

Start & Initial Configuration

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

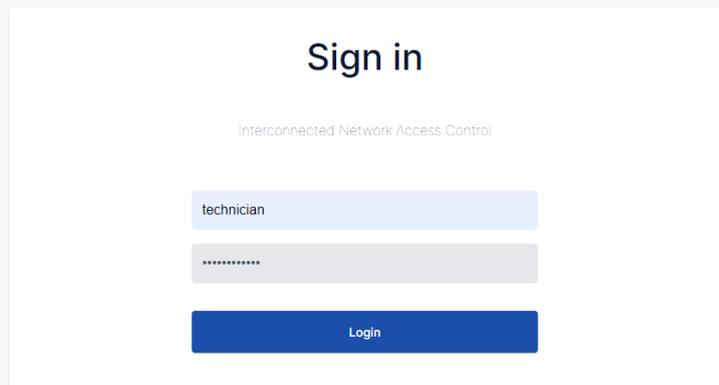
*As standard procedure, your browser will notify you that the address is unsafe or not private. This is default browser behaviour when an unrecognised device is connected to. This warning may be bypassed by selecting **Advanced** and then to **Proceed** to the address.*



Recommended Browsers:
Firefox & Chrome

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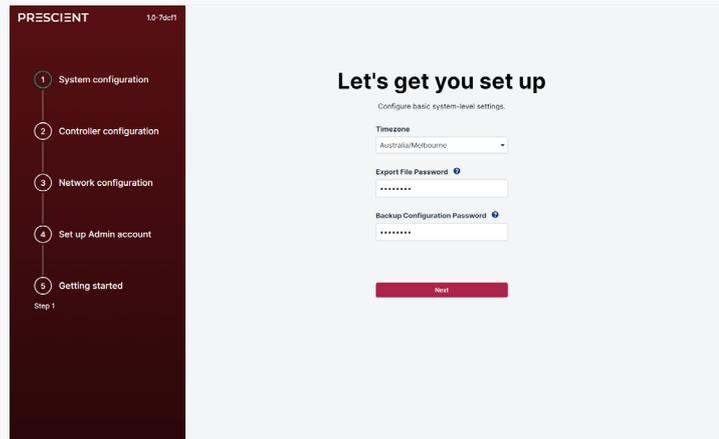
Sign in with the username ***technician*** and the default technician password which can be located on the DN4 board.



Start & Initial Configuration

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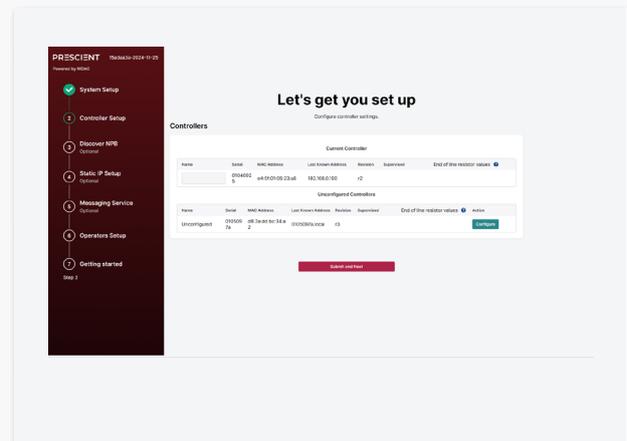
Follow the prompts of the initial configuration wizard. Set up the system timezone, export file and backup configuration passwords, then select **Next** to configure the controller(s).



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Next you will be prompted to configure your currently accessed controller and denote whether it has supervised inputs or not. In addition any controllers that are online across the network and visible to your currently accessed controller will be available to configure them, for each controller press the configure button then configure their details before proceeding.

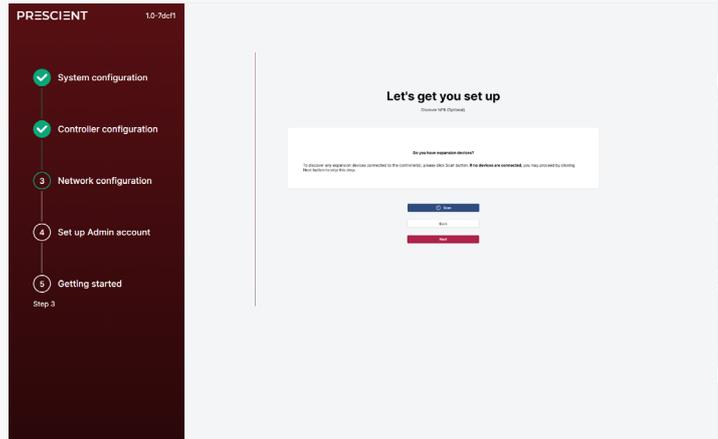
In versions before 2.0.0 doors were configured and set up from this point however that is now done from the primary interface once this set-up process is complete.



Start & Initial Configuration

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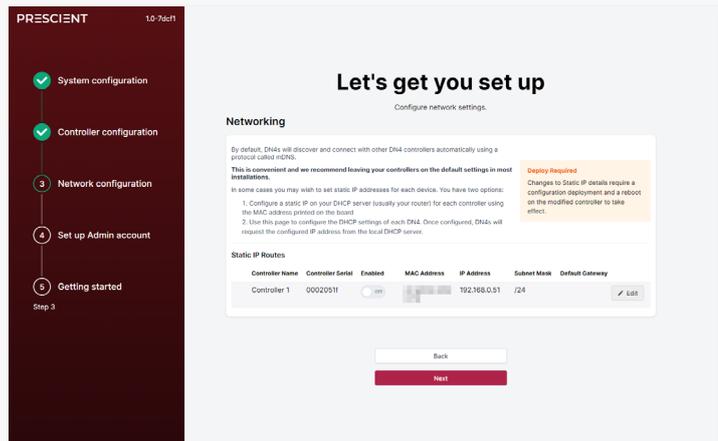
After enrolling all visible controllers proceed to the NIDAC Peripheral Bus (NPB) page where you can scan the enrolled controllers for any attached NPB devices such as the PEX-8IO etc. You will then be presented with a list of devices found that can be named and added to the system at which point you may continue. Alternatively if you do not have any expansion devices you may simply proceed without scanning.



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OPTIONAL: While DN4s will discover and connect to other DN4s by default. If desired, you may set a static IP address for the controller(s) on the Network configuration screen. To proceed after this step, select **Next**.

Note: Static IP addressing requires DHCP enabled router

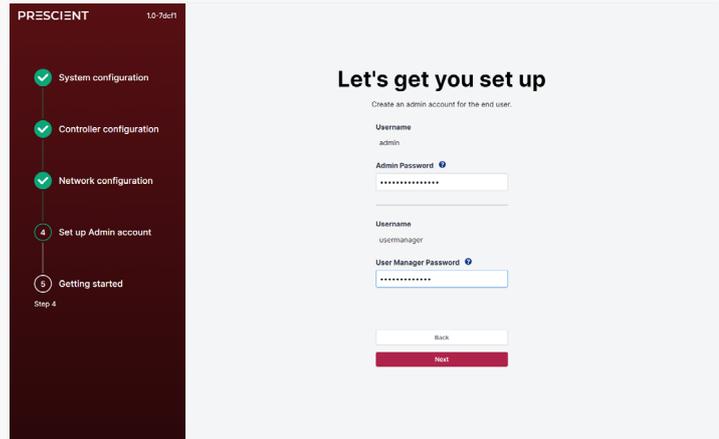


Start & Initial Configuration

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

When done, select **Next**.

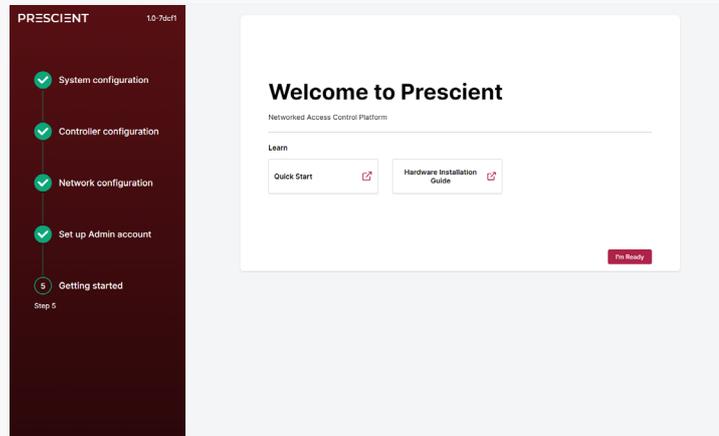


Technician: The operator login for initial setup
Admin: The operator login for the site owner/user
User Manager: Only has User control permissions

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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

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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.

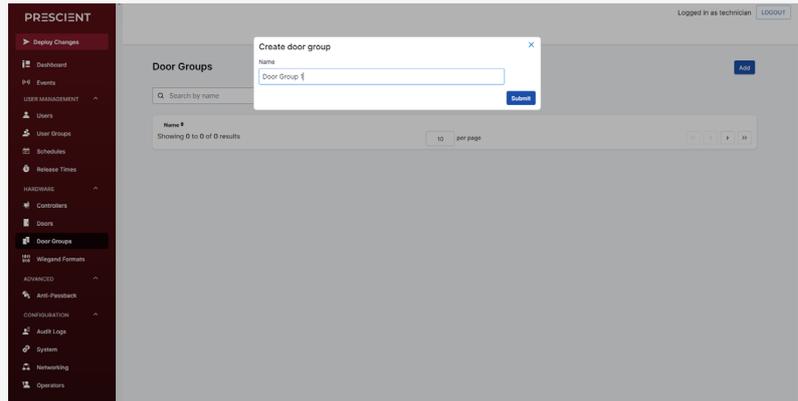
The screenshot displays the Prescient UI dashboard. On the left is a dark sidebar with the 'PRESCIENT' logo and various navigation menus. The main content area is light gray and contains several panels. At the top right, it says 'Logged in as technician' with a 'LOGOUT' button. Below this are 'Alerts' and 'Events' panels, both showing 'Connected' status. The 'Controllers' panel is the primary focus, featuring a 'Deploy Changes' button and several utility buttons like 'Rollback config', 'Restore Backup', 'Update Firmware', 'Download Backup', and 'Collect Diagnostic'. It shows details for 'Controller 1', including its name, serial number (000104fc), firmware version (7523ab25-2022-09-30), database version (20220919115123), and network status (Status at 2022-10-03 10:15:34). A table below lists 'Configured Controllers' with columns for Name, Serial, MAC Address, Last Known Address, Status, and Actions. The status for Controller 1 is 'Database out of sync' with a 'Please deploy' button. Other actions include 'Reboot' and 'Factory reset'.

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

Door Groups

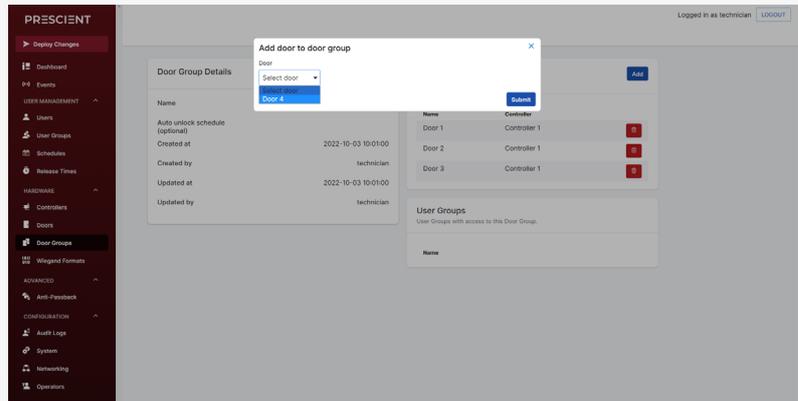
10

In the sidebar, navigate to **Door Groups**. Select **+ Add** and name the Door Group that the doors will be assigned to.



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



Schedules

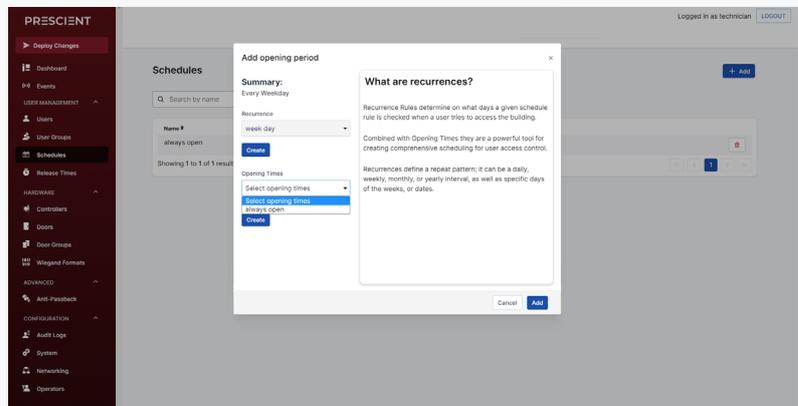


Opening Periods: define when authorised users can receive access
Holiday Periods: are the exception and always overrule Opening Periods

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

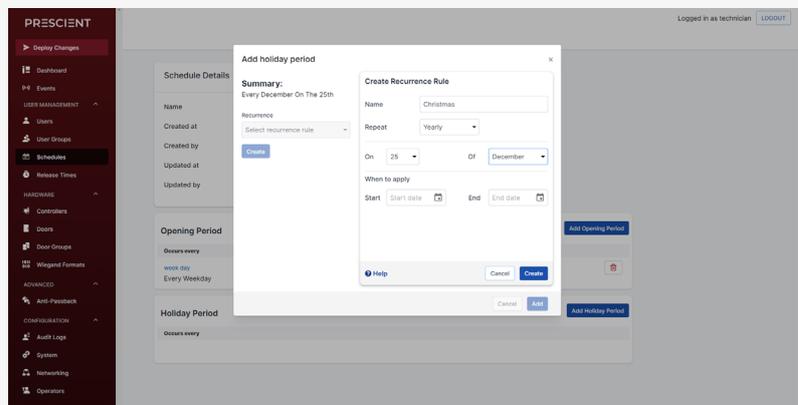
Configure the Recurrence dates and Opening Times hours from preset parameters, or use **Create** to make new ones, then select **Add**.



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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, then finally select **Add Schedule**.

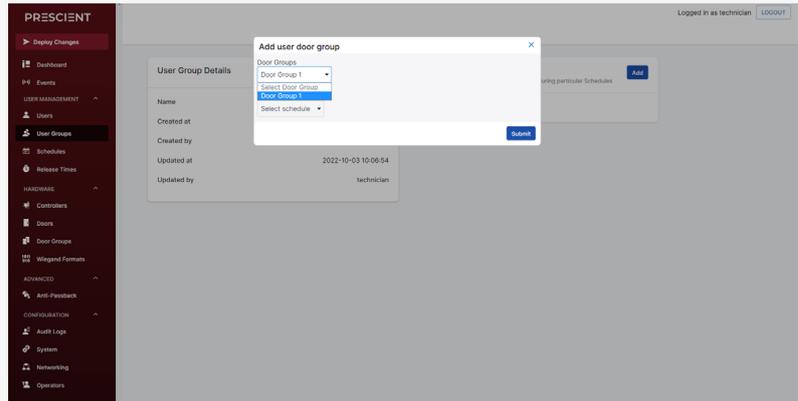


Users and User Groups

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

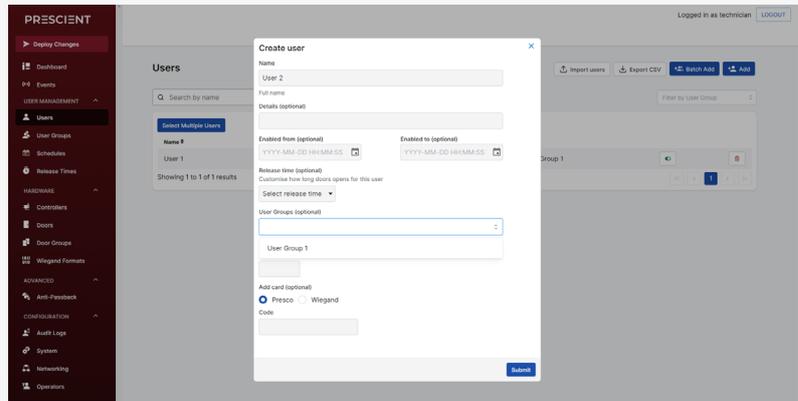
Select the new User Group and select **Add** to choose the Door Groups and Schedules for the User Group needed, then select **Submit**.



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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**.

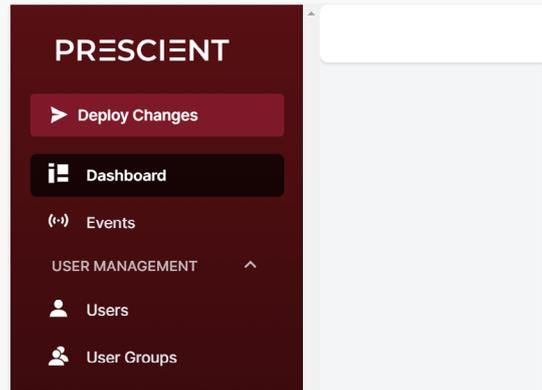


Use **Batch Add** to add groups of users when assigning a large number of credentials.

Deploying Configuration

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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.



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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

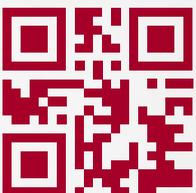
With the fundamentals of the Prescient system familiarised, you may fine tune the configuration to suit the site's required access control needs.

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

NIDAC

Security | Access Control | Solutions

Designed and made in Australia since 1966



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