PRESCIENT DN4

4 Door Networked Controller

Quick Start Guide



Designed and made in Australia since 1966



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



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Start & Initial Configuration

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.

A			
Δ			
Your connec	tion is not private		
Attackers might be	trying to steal your information from 192.168.0.	.19 (for example,	
passwords, messag	es, or credit cards). <u>Learn more</u>		
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Q To get Chro	me's highest level of security, turn on enhanced	protection	
♀ To get Chro	me's highest level of security, <u>turn on enhanced</u>	protection	
♀ To get Chro	me's highest level of security, <u>turn on enhanced</u>	protection	
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Recommended Browsers: Firefox & Chrome

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



Start & Initial Configuration

Set up the system timezone, export file and backup configuration passwords,	System configuration Controller configuration	Let's get you set up Configure basic system-invest satirings. Timezone Australia/Medicoree
then select Next to configure the controller(s).	(3) Network configuration (4) Set up Admin account	Backup Configuration Password
	 Getting started 	Next

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.

Ÿ.	system setup	Let's get you set up
	Controller Setup	Configure controllers
	Discover NPB Optional	Current Controller
	Static IP Setup Optional	Name Senie MoCAddees Late Known Adamse Review September End of Eine Hestistor salues @ 0044600 e4:fx10:00:22.adi 192:X8.8.150 r2
	Meccades Canico	Unconfigured Controllers
	Optional	Nerre Darie MACABers Last Trouv Adress Revision Separates End of line resistant values II Antion Uncorriguent 015556 ell-3md bio:3Md bio:3Md 2000/Asces Al Contourn
•	Operators Setup	
	Octting started	Eddeni and heat

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Start & Initial Configuration

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.

System configuration			
		Let's get you set up	
Controller configuration			
	No.	Be you have expansion devices of discours any expansion devices connected to the controlled, passes disc Scat Scat Scat Scat Scat 	
3 Network configuration		() ina	
 ④ Set up Admin account		Exe Ad	
6 Getting started			
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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

System configuration		Le	et's	get ya	ou set	t up		
				Configure networ	k settings.			
Controller configuration	Networking							
	By default, DN4s will dis protocol called mDNS.	cover and connec	t with other D	N4 controllers autor	natically using a			
	This is convenient and v	we recommend le	aving your co	ntrollers on the def	ult settings in mo	st Deploy R	equired	
3 Network configuration	In some cases you may	wish to set static I	P addresses f	or each device. You	have two options:	Changes configura	to Static IP details tion deployment ar	require a nd a reboot
Set up Admin account	1. Configure a static the MAC address pri 2. Use this page to c request the configure	IP on your DHCP : nted on the board onfigure the DHCI ad IP address from	erver (usually e settings of e h the local DH	your router) for eac ach DN4. Once con 2P server.	h controller using igured, DN4s will	on the m effect.	odified controller to	o take
Ĭ	Static IP Routes							
	Controller Name	Controller Serial	Enabled	MAC Address	IP Address	Subnet Mask	Default Gateway	
5 Getting started	Controller 1	0002051f	000	10000	192.168.0.51	/24		✓ Edit
Step 3								
				Back				
				Next				



Start & Initial Configuration

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*.

System configuration	Let's get you set up	
	Create an admin account for the end user.	
Controller configuration	Username admin	
Network configuration	Admin Password 🛛	
4 Set up Admin account	Username usernanager	
5 Getting started	User Manager Password 😧	
Step 4		
	Back	
	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.

System configuration	Welcome to Prescie	ent
Controller configuration	Networked Access Control Platform	
Network configuration	Quick Start C Hardware Installation Guide	° 6
🖌 Set up Admin account		Tm Brady
5 Getting started mp 5		



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Introduction to the Prescient UI

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.

	Alerts				 Connected 	Events		 Connected
vents	Date/Time	Туре		Action		Date/Time	Туре	
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lser Groups	Connected to controller.							
chedules	connected to controller.					2500.105		🖌 Edit
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WARE	App		UP	DB Ok		202	YES	
WARE	Eastery reset			DB Writeable			YES	
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loors	Network Status							C Refresh
loor Groups	Status at 2022-10-03 10:15:34	1						
Viegand Formats	Configured Controllers	Seriel	MAC	Address	l aet Known Addrase	Statue	Action	e
Viegand Formats	Configured Controllers Name Controller 1	Serial 000104fc	MAC	Address	Last Known Address 192.168.0.19	Status • Database ou	Action t of sync	oot Factory reset
Vlegand Formats NCED ^ Initi-Passback IGURATION ^ Wudlt Logs Vystem	Configured Controllers Name Controller 1	Serial 000104fc	MAC	Address	Last Known Address 192.168.0.19	Status Database ou Please deplo	Action t of sync Ret y <	s oot Factory reset
Vlegand Formats NCED	Configured Controllers Name Controller 1	Serial 000104fc	MAC	Address	Last Known Address 192.168.0.19	Status • Database ou Please deplo	Action t of sync Ret y <	s oot Factory reset
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Door Groups

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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Bundard Line Image: Constrained Line B	Deploy Changes	Cr	ate door group	
Bandarowie / Conclusion / Bandarowie / Conclusion / With Conclusion / Conclusion / With Conclusion / Conclusion / Standarowie / Conclusion / <th>Dashboard</th> <th>Door Groups</th> <th></th> <th></th>	Dashboard	Door Groups		
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Normal Section Normal Section Bolance Section Bolance Section Ad Particle Bolance Section Bolance Section Bolance Section	Users			
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	Networking			

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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

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.

PRESCIENT	·
Deploy Changes	
Dashboard	
(··) Events	
USER MANAGEMENT	
💄 Users	
😤 User Groups	

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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**



Notes

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NIDAC Pty Ltd 2 Cromwell Street Burwood Vic Australia 3125 www.nidac.com sales@nidac.com +61 3 9808 6244