

2N Lock For Crestron Home Driver Help File



Manufacturer : 2N

Model: 2N Lock For Crestron Home

Supported Models

IP Verso, IP Solo, IP Style, IP One, IP Force, IP Base, IP Uni, Access Unit M, Access Unit 2.0

Device Type: Lock

SETUP APP CATEGORY

Drivers > Lock > 2N > 2N

GENERAL INFORMATION

CRESTRON HOME DRIVER SOFTWARE NAME: "Lcd.Chome.2NLock"

SUMMARY: Exposes a 2N IP intercom / access unit as a native Crestron Home Lock, driving the door strike/relay via the 2N switch API and reporting lock state from 2N device events. It also supports user management (users, PIN codes and access schedules) via the 2N Directory API.

CURRENT VERSION: 1.0.60.39938

BUILD VERSION: 1.0.60+9c02daf02f

Initial Release

GENERAL NOTES:

This driver is compatible with 4 series Crestron Home projects (including PC4-R)

2N DEVICE SETUP:

Before adding the driver, configure the 2N device:

1. Enable the device's **HTTP API** and switch on the **Switch, I/O, System** and **Logging** services.
2. Create an **API user account** (this is separate from the web-UI login) and grant it **switch control** privileges.
For user management, it also needs **directory / access-control** privileges.
3. Note which **Switch** (Switch1 - Switch4) drives the door strike.
4. **Firmware note:** on **2N OS 2.34 and earlier**, most of the HTTP API — including the directory this driver uses for user management — required the former **Enhanced Integration** licence (included in **Gold**). Current

firmware does **not** require it. Note that 2N's standard licensing terms do not apply uniformly in the US, Canada, Mexico, the Caribbean, or Central and South America, so check the regional terms for your device.

DRIVER INFORMATION

Signal	Type	Description	Notes
Configuration			
LicenceKey	String	Licence key for the driver	Required
Get a Licence	Link	Where to purchase / manage a licence key	Information only
Product & Licence App	Link	URL of the product / licence app hosted on this processor	Information only
IPAddress	String	IP address of the 2N device	Required
Username	String	2N API account username (not the web-UI login)	Required
Password	String	2N API account password	Required
Switch	String	Relay/output driving the door strike	Switch1 - Switch4

USER SCHEDULES

User access schedules (Always / Weekly / Weekly-with-duration / Temporary) are set **per user in the Crestron Home app** — nothing needs configuring on the 2N device.

The 2N HTTP API cannot create time profiles, so the driver enforces a weekly schedule as the user's validity window on the device and advances that window as each occurrence passes. The 2N device enforces the expiry itself, so if the Crestron processor goes offline a user's access **expires rather than staying open** (fail-secure).

TESTING:

OPS USED FOR TESTING:

Environment	
3 Series	Not Supported
MC4_R OS4	v3.21
MC4_r OS4	v4.000.0157
CP4_R OS3	v3.21
PC4R OS3	v3.21
DIN-AP4-R	v4

CRESTRON HOME SETUP TOOL USED FOR TESTING:

Crestron Home Setup Version: **1.0.32**

Crestron Home Configure Pro: **4.011.0276**

Developer Contact Information

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[Website](#)

Support Articles

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