


Wildcard Recipe: 2N Self Call - "Who's at the gate?"


Problem

Your Crestron Home project includes a 2N door station, and you'd like to be able to see if there's anyone near the entrance before they ring the bell. 2N has a feature called "Self Call" but there's no way to call it from Crestron Home... until now.

Solution

The Ultimatum HTTP POST Wildcard module can be used to send commands to the device, via manual button presses or by integrating the commands into actions and sequences in Crestron Home.

 It is assumed you already have the RAVA configuration correctly set up in Crestron Home to communicate with the 2N door station, and also have the enhanced integration licence installed on the 2N system.

 You will need to disable authentication on the 2N integration API for the HTTP GET/POST commands to be accepted.

1. Add the Ultimatum HTTP POST, or GET Wildcard driver to Crestron Home
2N will accept both GET and POST commands for many of the API calls - this solution has been tested with the POST driver.
2. Configure your chosen commands for buttons or discrete commands (under Actions/Sequences) using the information in the table, and examples below.
3. You're in the 1-hour trial period window - give your new integration a test drive!
4. Once you're happy everything is working, purchase a licence key for your processor from [HTTP/S POST "Wildcard" f](#) or [Crestron Home](#) or [HTTP/S GET "Wildcard" for Crestron Home](#) depending on which module you're using.
5. Add the licence key to your Crestron Home configuration (under "Installer Settings")

Command Table

Command	API Endpoint
Call	api/call/dial?number=rava:CRESTRON


2N Configuration.

The 2n device requires the integration licence. If you have more than one 2n IP Verso's, you will require an integration licence for each device. To check, log in to your 2n device go to System (orange)/Licences, Enhanced Integration will have a green yes, if it is licenced.

For the 2N set up go to Services (purple) / HTTP API / services (top menu) and for "Call API" select Unsecure (TCP) for connection type and None for authentication.

Examples

The following example shows you how format the the commands in the Installer Settings of the module.

 The first element - "Label" - can be whatever you want to have displayed on the button. The other elements must be formatted exactly as shown.

Have the 2N door station call Crestron Home

```
1 Call|api/call/dial?number=rava:CRESTRON
```

Kudos

Kudos to Nucleus AV [Nucleus - AV & Home Automation](#) for working this integration out and sharing it with the Crestron Home community.