relaypros MIRCC4_USB USB Push Notification 4-Input with USB Interface User Guide

USB N-BUTTON
Push Notification Quick Start Guide

SERIAL PORT TOOL

Contents

Introduction

Real-Time Status & Control
USB Push Notification Board that allows you to connect a contact closure to the board and send an email or text message when the circuit is closed. The board will communicate the contact closure information to your computer through a USB connection. N-Button Software will then send a text or email from the computer to your selected recipients.

All the Features You Need…

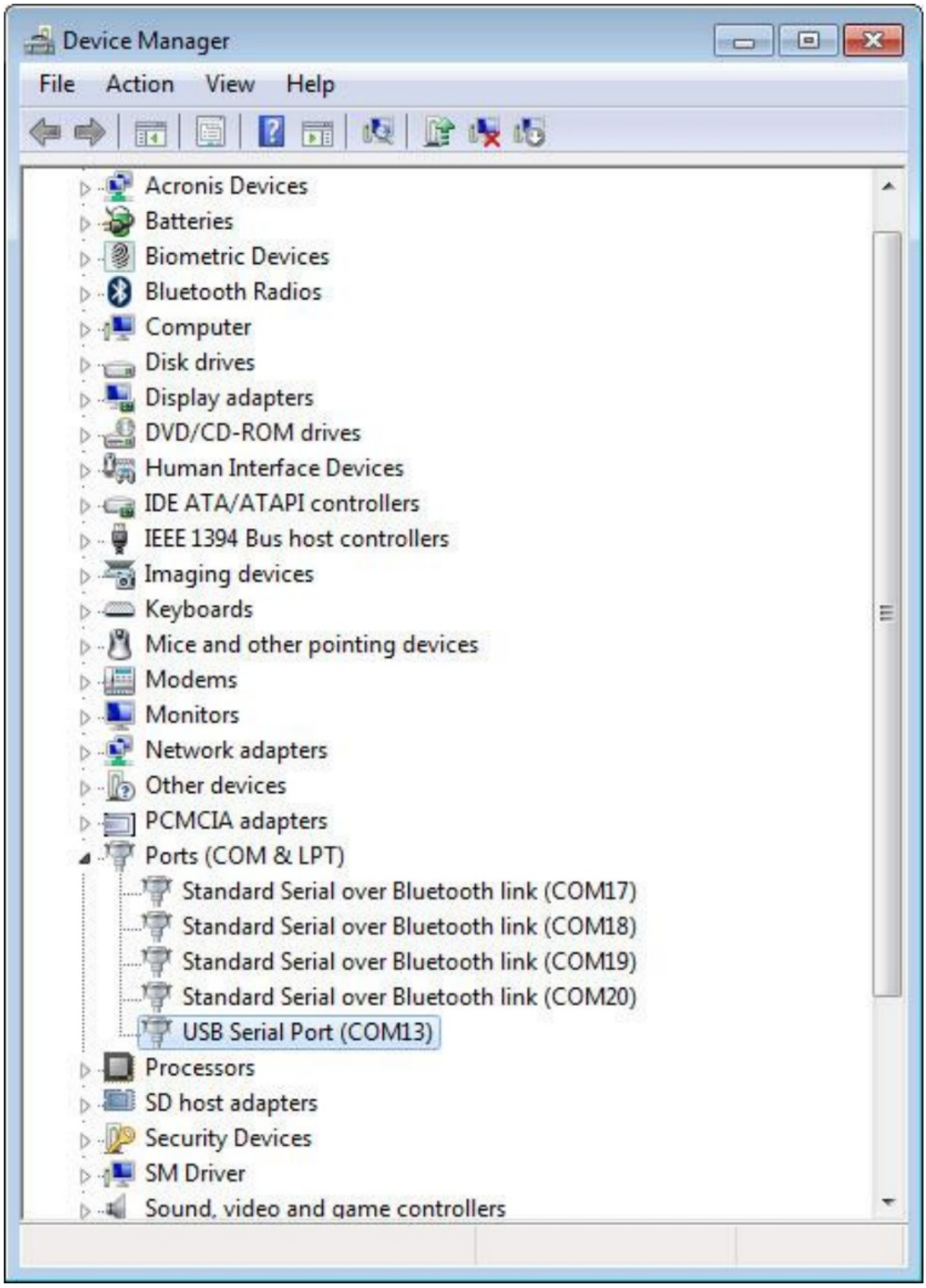
- Send SMS or Email Message
- Compatible with ANY Contact Closure Sensor
- Onboard USB Interface Module
- Plugs Directly into USB Port
- N-Button Software
- Point & Click Interface
- Use to Configure Messages

Step-By-Step Instructions
This Manual will give you step-by-step instructions for connecting your USB Push Notification Board and setting

up N-Button Software to send text and/or emails.

Connect Board to Computer
USB Setup
USB Communications

1. Connect a USB cable between your ZUSB Communication Interface and your computer. The ZUSB communication module contains the USB port on the Push Notification board. The board should be powered for initial testing.
2. Virtual COM port drivers are required before the ZUSB communications module can be used. Windows 10, 8, and 7 typically recognize this device without drivers, however, the latest drivers may be downloaded and installed from the following location for all operating systems: **http://www.ftdichip.com/Drivers/VCP**.htm. This link also contains installation instructions appropriate to your operating system.
3. After the driver is installed, open your “Device Manager” to determine the COM port your computer assigned to the ZUSB module.
4. You should see “USB Serial Port” located under “Ports (COM & LPT)”
5. Take note of the COM port assigned to the ZUSB communications module. This COM port will be used to access the device in N-Button. In the screenshot shown, COM13 was assigned. When running N-Button in this example, COM13 will be used to access this device. The COM Port on your computer will most likely be different. It is possible to have multiple devices installed on one computer, each device will have its own COM port number assigned to it.



Note: The USB Light will on the ZUSB communications module only illuminate if the virtual COM port driver is properly installed. If the device remains undetected, try disconnecting and reconnecting the power and USB cables.

N-Button Communication and Scan Channel Setup

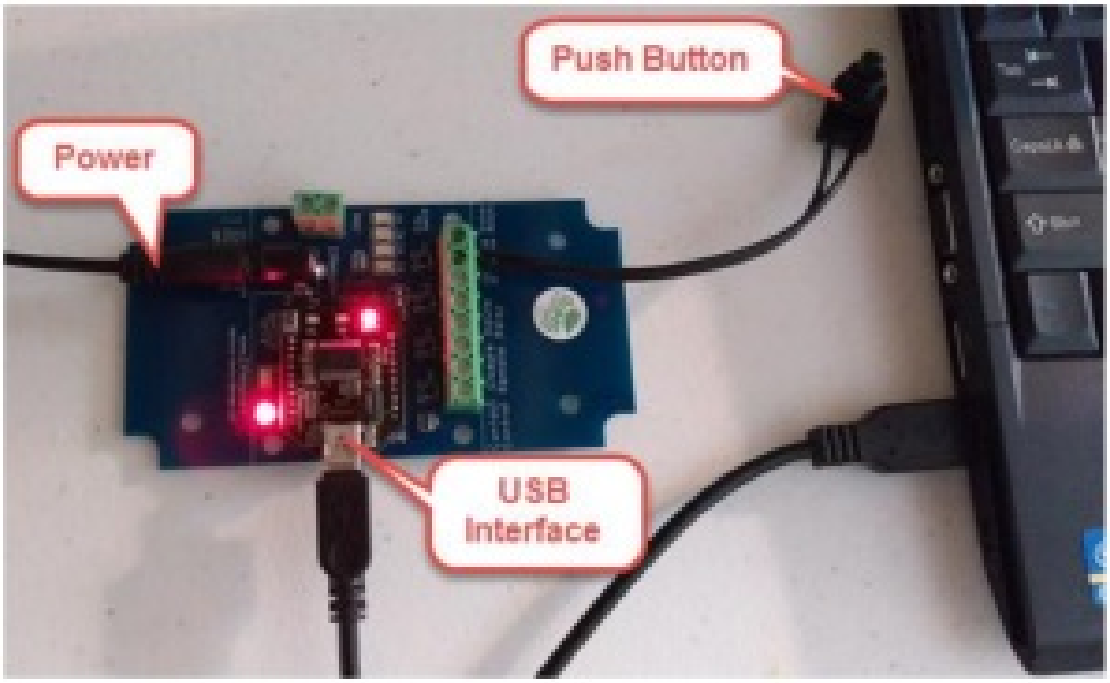
N-Button Communicating to the Board

1. 1. Download and install the version of N-Button Pro or N-Button Lite that you purchased with the board.

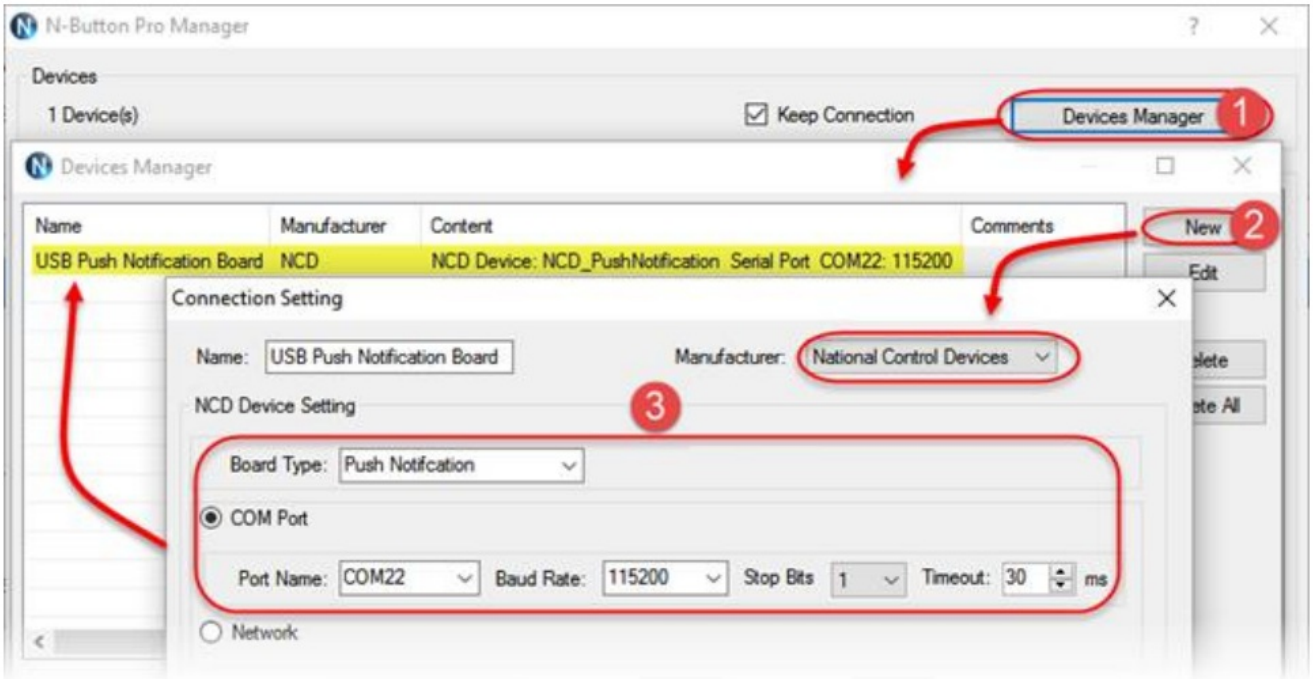
N-Button Lite: **http://serialporttool.com/download/NButton/NButtonLite.zip**

N-Button Pro: **http://serialporttool.com/download/NButton/NButtonPro.zip**

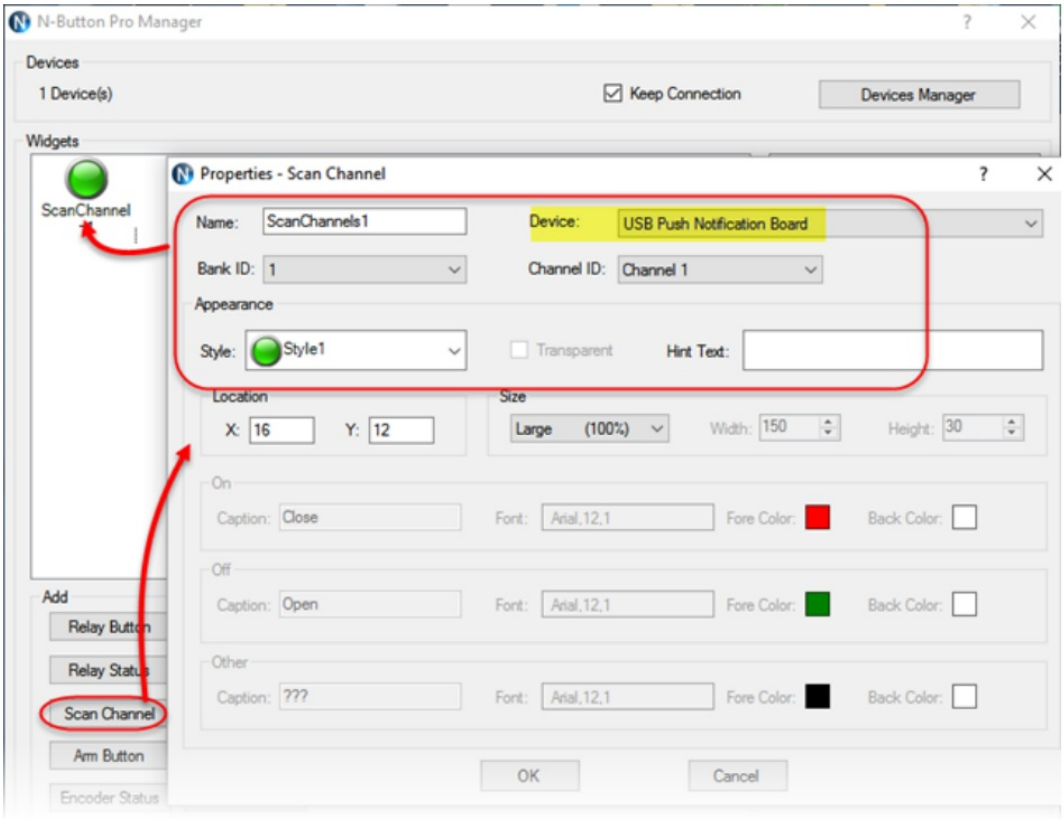
2. Plug in power and connect the USB push notification board to your computer.



3. Run N-Button Pro/Lite software. Click Device Manager –> New to add USB push notification board
Manufacturer –> National Control Devices
Board Type –> Push Notification
Com Port –> Port Name (Your USB COM Port #) and Baud Rate 115200
Keep default value for other options



–> Click OK for the above panels, and back to the N-Button Manager panel.
4. Click Scan Channel to open Properties – Scan Channel. Select Device, Bank ID, Channel ID, Style for Scan Channel widget.



Once you have selected the Device and Style of your widget Click OK to close the Scan Channel Window and return to the N-Button Manager Window.
–> Click OK in N-Button Manager Window to exit.
You will now see the Scan Channel widget you created showing on your desktop in Red color.

5. Using a dry contact (no voltage) close the contacts of the input you have set, you will see the Scan Channel widget on your desktop turn to Green. Release the button, the widget turns red again.

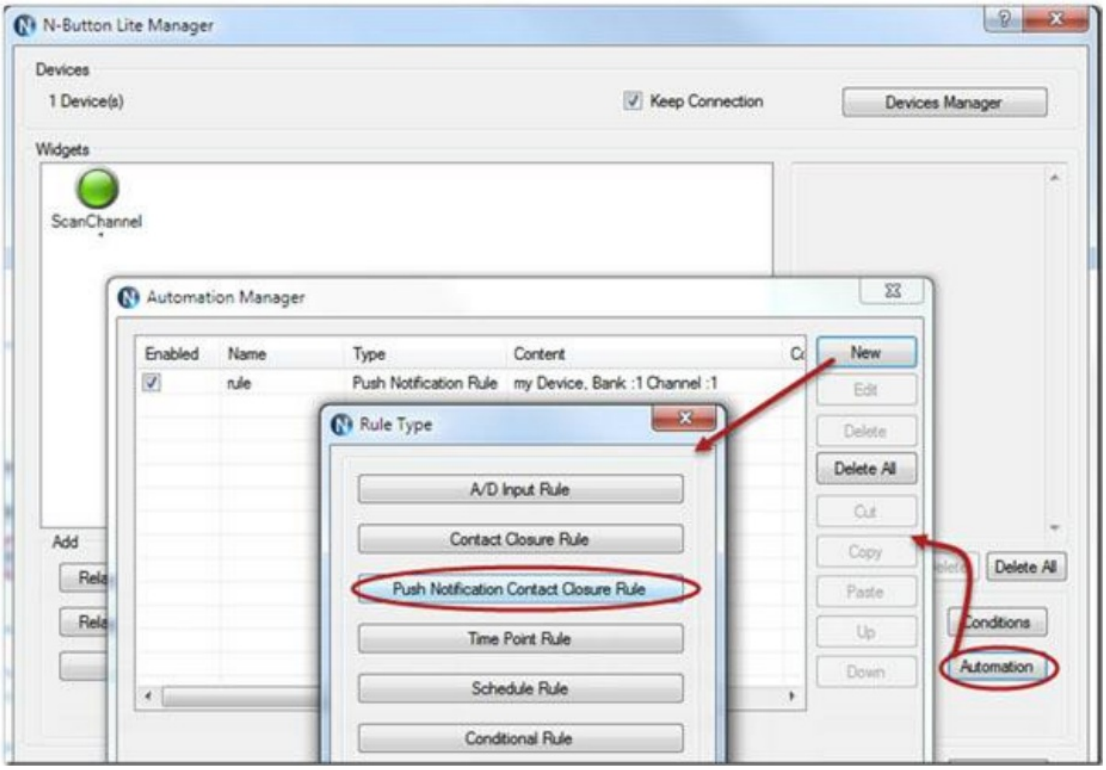
The USB push notification board is now working with N-Button software. The widget you crested is now showing the status of the input. To send text messages and/or emails follow the steps in the next section.

Text/Email Setup

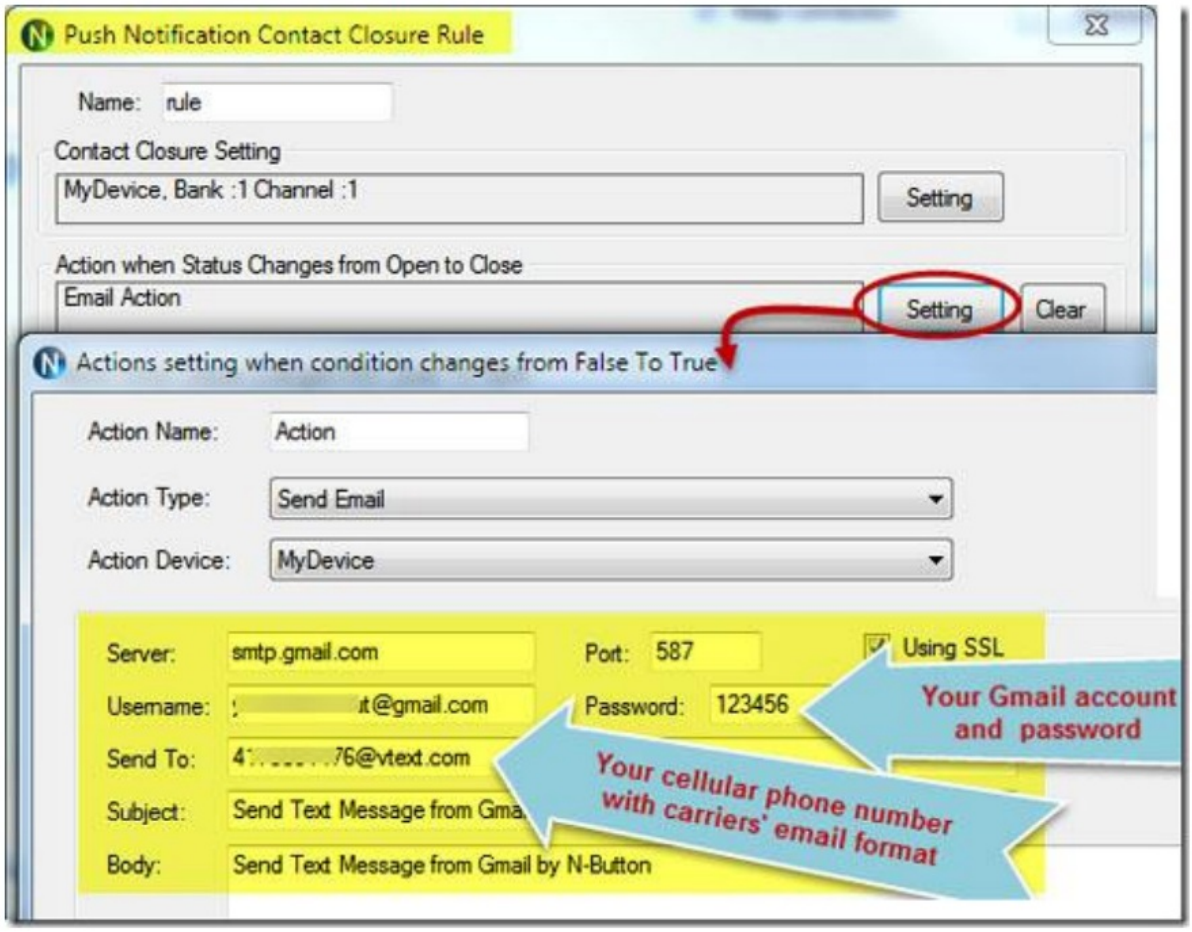
N-Button Manager

Setting up Your First Text/Email

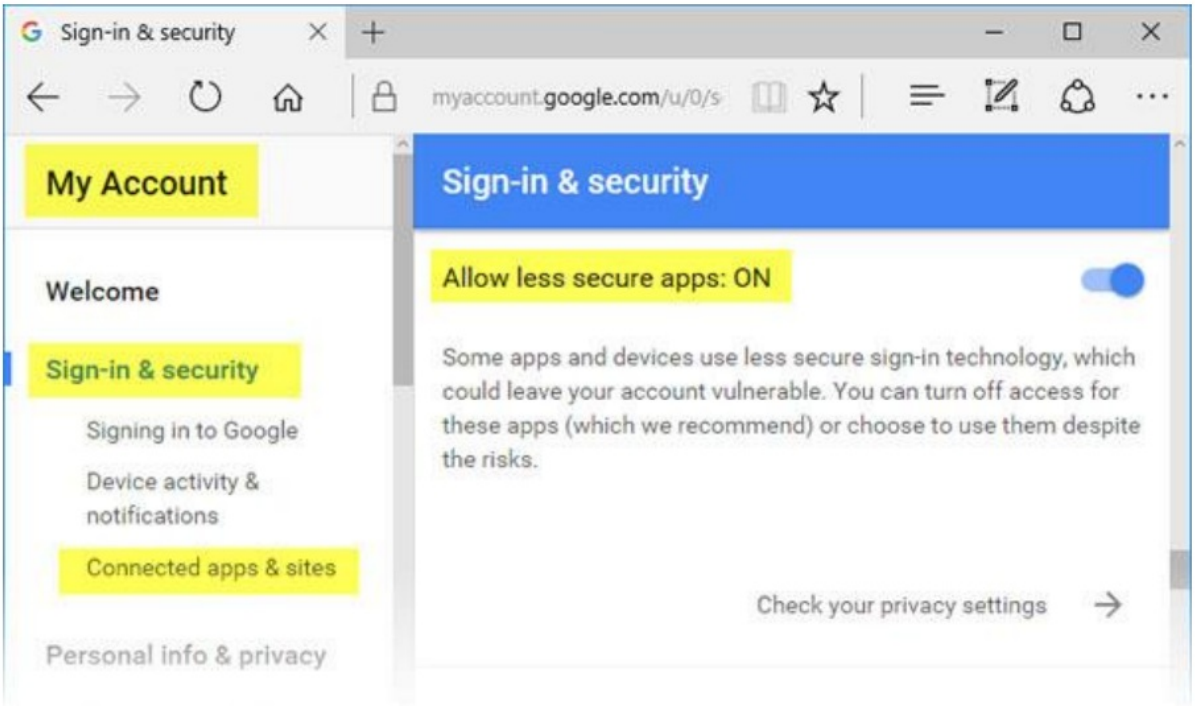
1. Right-click on the widget you just created and select N-Button Manager to open N-Button Pro/Lite Manager again.
–> Click Automation to open the Automation Manager Window.
–> Click New in the Automation Manager Window to open the Rule Type Window.
–> Click Push Notification Contact Closure Rule



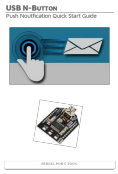
2. Select Settings under Push Notification Contact Closure to select the device you created and the channel you want to use.
Select Settings under Action When Status Changes from Open to Close. Under Action Type select Send Email. Enter the Gmail account information you will be using to send the email. Then enter the address where you want the email sent, for more than one recipient separate the addresses with a comma. Add your Subject and message. You can also set a message for other actions such as when the contact closure opens or send messages in intervals until the contact closure opens.
–> Click OK in all open windows and return to the desktop.



3. After finishing all the above settings, all recipients will receive an email once the contact closure input on the board changes state. To test, close the contact input on the push notification board and check your email
Note: If you use Gmail, you need to turn on “Allow less secure apps” on your Gmail Account –> Sign-in security panel, shown as below.



Documents / Resources

	relaypros MIRCC4_USB USB Push Notification 4-Input with USB Interface [pdf] User Guide MIRCC4_USB, USB Push Notification 4-Input with USB Interface