

## Opening the Program

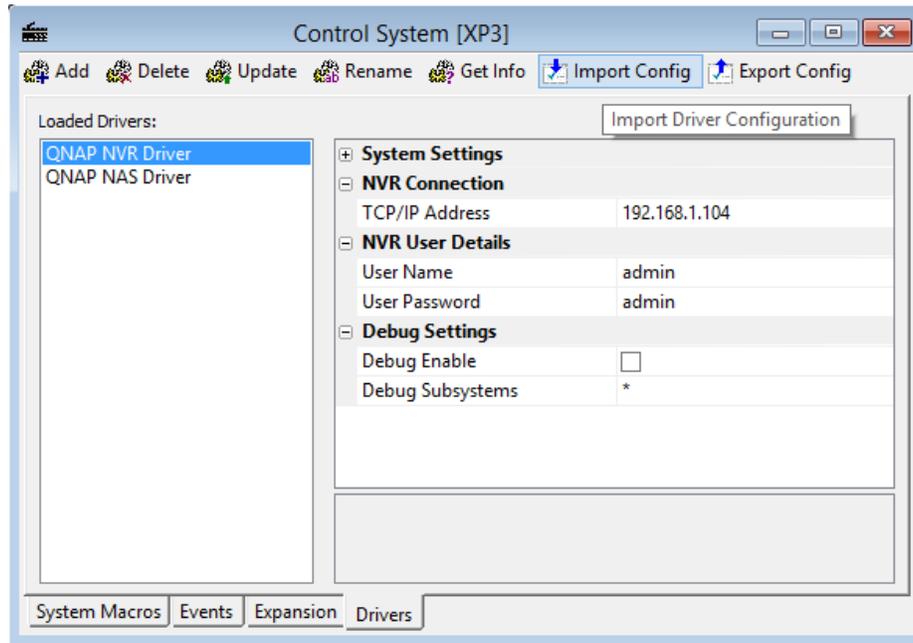
Double click on the file "*QNAP\_RTI\_EXPO.rti*" to open the program in Integration Designer. Alternatively, open Integration Designer first, and then choose **File > Open** and browse to the location of the "*QNAP\_RTI\_EXPO.rti*" file. The configured devices will be displayed in the **System Workplace** window:



The device entitled "*SURFIR*" corresponds to the SURFiR remote control, "*XP3*" to the XP3 processor and "*VP - EXPO*" is a virtual panel that can be saved as an executable file and run on a PC.

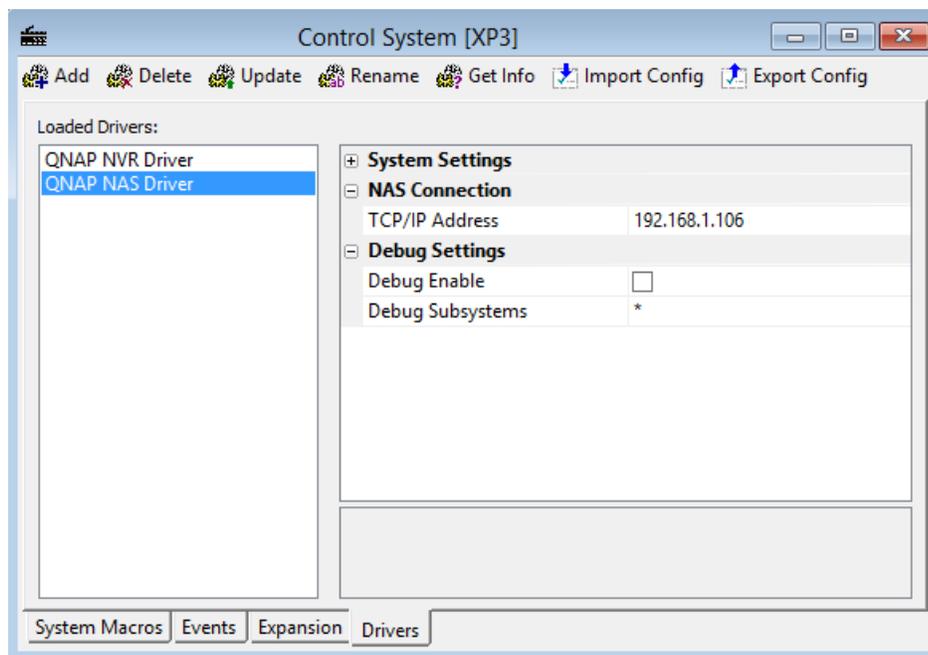
## Configuring the Driver

Click on the "*XP3*" device and a window entitled **Control System [XP3]** opens. Choose the **Drivers** tab. Two drivers will appear in the **Load Drivers** list; **QNAP NAS Driver** and **QNAP NVR driver**, both of which require configuration. Click on **QNAP NVR Driver** to display its properties:



- Enter the IP address of the NVR in the **TCP/IP Address** field.
- Enter the User Name required to access the NVR in the **User Name** field.
- Enter the password required to access the NVR in the **User Password** field.

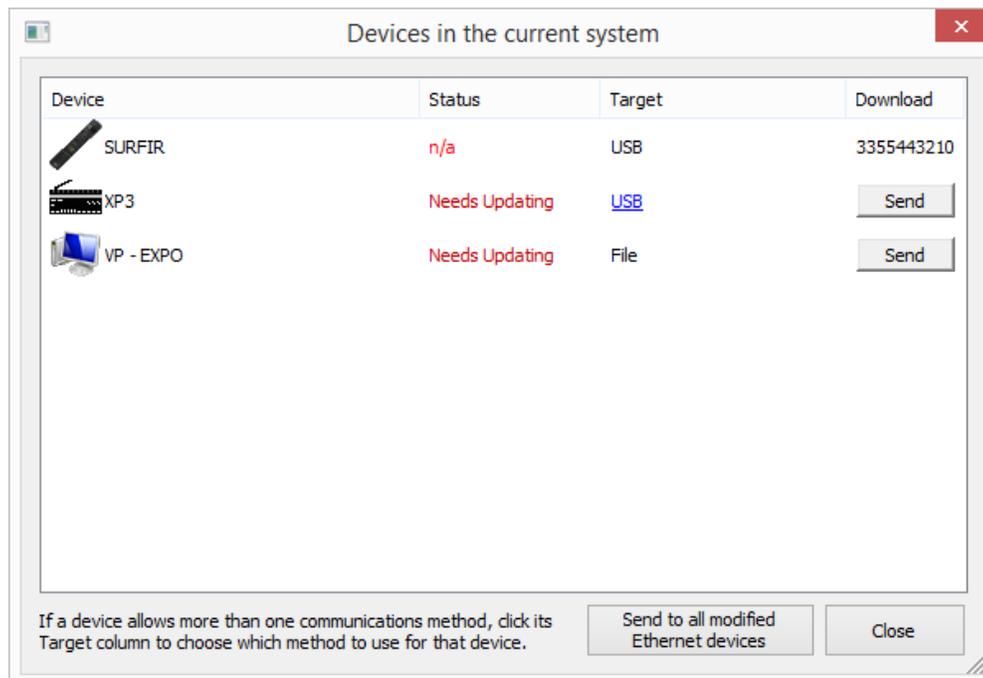
Next, choose the QNAP NAS Driver to display its properties:



- Enter the IP address of the NAS in the **TCP/IP Address** field.
- Choose **File > Save all Devices**.

## Uploading Configuration to the Processor

Choose **Communications > Send to Device** and the following windows is displayed:

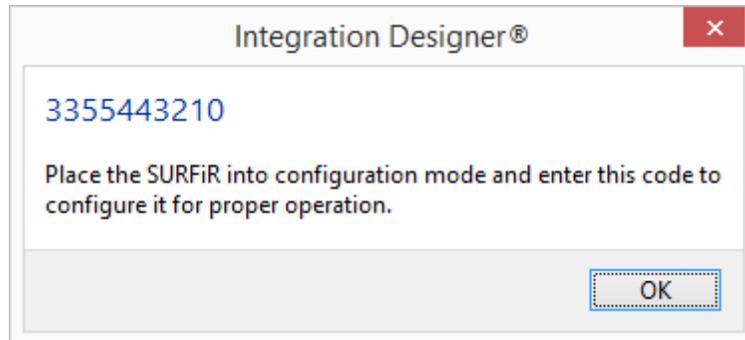


To update the XP3 processor via USB, attach an appropriate USB cable between your PC and the XP3 and click on the corresponding **Send** button.

To update the XP3 processor over the network, ensure the processor is attached to the network and then click on the corresponding **Target** link entitled [USB](#). In the window that appears, select your processor from the list of discovered processors. By default the processor is configured to use a DHCP allocated IP address, if it fails to appear in the list, try restarting the processor.

## Uploading Configuration to the SURFiR Remote

Select the SURFiR device form the **System Workplace** window. Choose Communications > Get SURFiR Configuration Code and a window will display a unique code, required to configure the SURFiR remote:



Next, it is necessary it place the SURFiR remote into Configuration Mode.:

The SURFiR is in configuration mode when the LED status light (located at the top of the remote) is blinking red and green. The SURFiR is automatically in configuration mode the first time it is powered-up (when it is in its factory default state). To put the SURFiR in configuration mode:

- Press and hold the "Power" button (located at the top of the remote) for 10 seconds until the LED status light blinks red and green.
- Enter the configuration code using the numeric keypad on the SURFiR remote.
- Press the **Enter** button on the SURFiR remote (LED status light stops blinking).

The remote is now configured.

## Using the SURFiR Remote

The SURFiR remote is configured to control both the NVR and the NAS via two different "pages" of commands, with a single button programmed to switch between the two control pages as well as send the appropriate input command to the Samsung television.

Using the mouse cursor, hover over any button on the remote to display the command it is configured to send:



The button in the bottom left hand corner of the SURFiR (circled above) is configured to switch between the NVR and NAS control pages as well as send the appropriate input command to the Samsung television, via Port 1 of the XP3 processor.

**NOTE:** it is necessary to connect an IR emitter to port 1 of the XP3 processor, placing the probe on the IR receiver window of the Samsung television.