Firmware Update Instructions

1050 Controller (Instruction P/N MX4936)

OPERATOR: All operators using the Nice 1050 controller board.

DATE: 05/12/2020

SUBJECT: Instructions for updating 1050 controller firmware using the Nice Oview hardware programmer (with OVBT Bluetooth module).

In order to perform these programming instructions, the following are necessary:

- 1050 Controller Board
- Power Supply (for 1050 Control Board)
- Oview Hardware Programmer (with OVBT Bluetooth Module & RJ11 cable).

- Opera Software Suite
- Bluetooth enabled PC
- Hex file (see step 2)

Oview Unit

OVBT Module
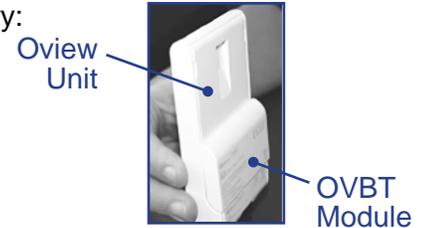
SETUP INSTRUCTIONS:

1. Turn on PC and enable Bluetooth reception.

2. Download the most recent *.hex file from https://support.hysecurity.com/hc/en-us/sections/360007581133-Nice-firmware-for-936-and-1050-control-boards and save it locally to your PC.

3. Connect an appropriate power source to the 1050 controller (FIGURE 1 shows a 12VDC battery connection).

4. Using the supplied RJ11 cable, connect the Oview programmer to RJ11 connector on 1050 control board (FIGURE 1). This will power up the Oview unit. **NOTE:** Use only RJ11 4C cable; not standard phone cable.

5. After the Oview programmer powers up, check PC Bluetooth status to ensure a connection between Oview and PC. After the the first Bluetooth connection, the PC should thereafter automatically connect to the Oview programmer.

6. Download the Opera Software Suite from https://support.hysecurity.com/hc/en-us/categories/360003202873-
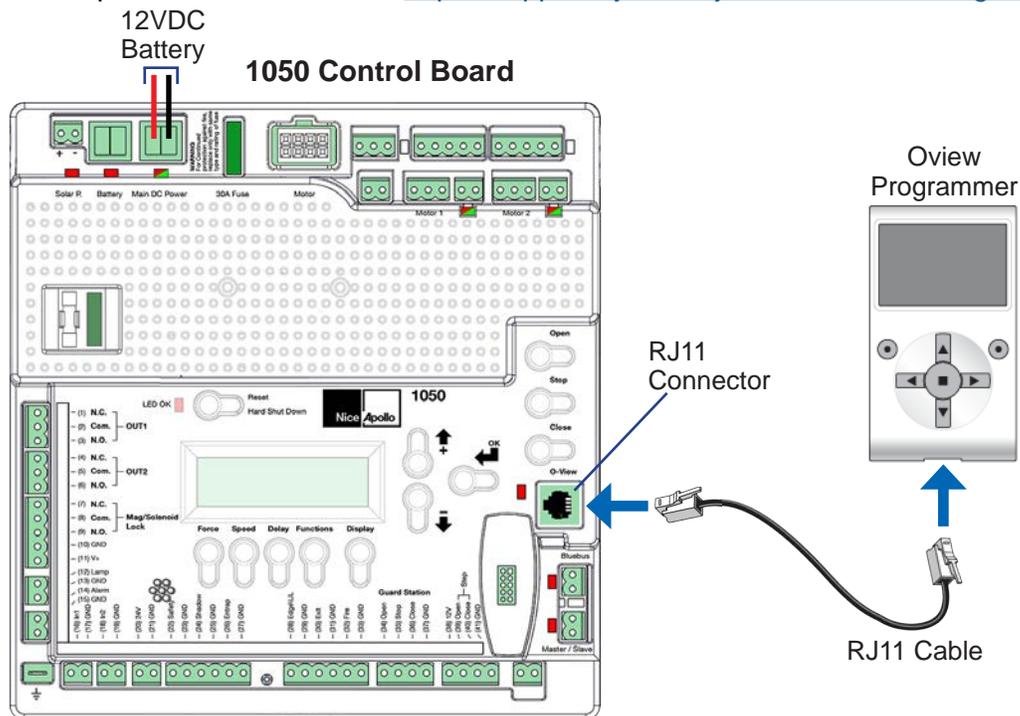
FIGURE 1: Setting Up 1050 Controller Board and Oview Programmer for Firmware Update

Firmware Update Instructions: **NOTE:** Step numbers are referenced in the images below.

Software and install on the PC.

7. Launch the Opera software and select the "Devices" icon in Opera interface to display Device List window.

8. Select the "Board 1050" icon to display Login to the control board.
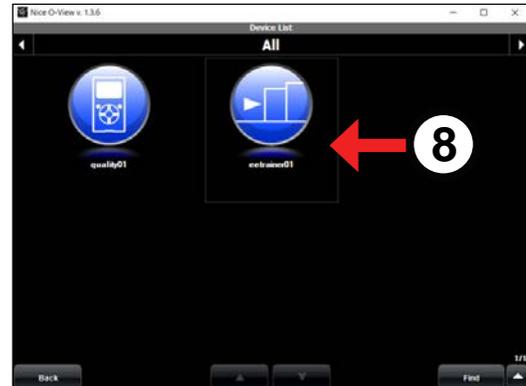
9. Enter password "**1234**" and press "Login" to log into control board and display the Control Panel.

10. Select "Advanced Functions" to enter function menu.
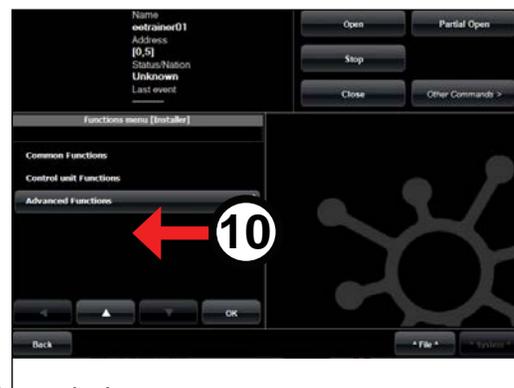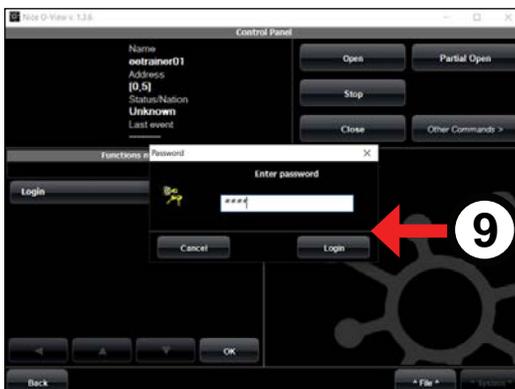
11. Select "Firmware Update" in menu to display Firmware Update window.

12. Press "Select File" and navigate to hex file downloaded in Step 2, select it and press OPEN.
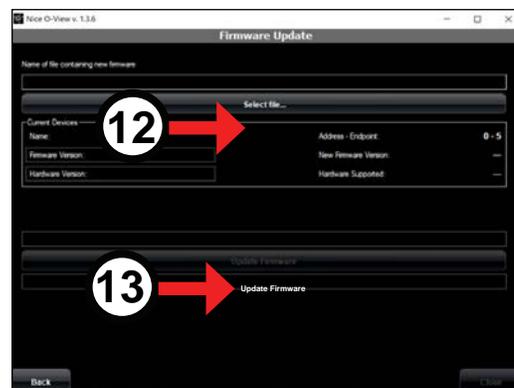
13. Press "Update Firmware" to begin the update process, which takes about 2 to 5 minutes. When update is complete, "Update Completed Succesfully!" is displayed in the Firmware Update window.

14. To confirm update, cycle power of 1050 board and observe firmware version in 1050 display at startup.

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