PTX1xxR NFC Evaluation Software Installation

This document describes the PTX1xxR NFC evaluation software installation procedures and is valid for following products:

- PTX1xxR POS Config Tool
- PTX1xxR IOT Config Tool
- NFC IoT Tuner
- PTX130W-N/PTX30W-N Config Tool

Contents

1. Installation Notes

The software release package is distributed as a **.zip** archive file. To extract the content of the package, open the Windows explorer, right-click the **.zip** file and select "Extract All" from the list. In the pop-up window, press the "Extract" button and the content of the archive will be extracted to a specified folder.

The following content is present in the archive file:

▪ **LINUX-x86-64Bit folder**

 The application for Ubuntu 21.10 (x86) 64-bit (minimal installation)

▪ **WINDOWS-x86-64Bit zip archive**

 The application for Windows 11 (x86) 64-bit

1.1 Installation on Linux

To start the **AppImage** package application without any installation on a LINUX distribution, follow these procedures.
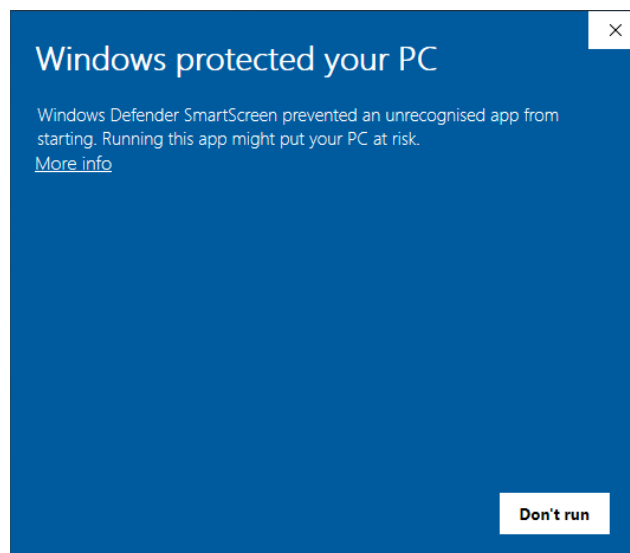
1. Download zip-archive from the customer support portal.
2. Extract the **.zip** archive file.
3. Set the execute flag of the AppImage file.
4. Start the AppImage file.

```
1  # starting first time
2  mkdir my_appimage
3  unzip <zip archive> -d my_appimage
4  cd my_appimage
5  chmod +x <AppImage file>
6  ./<AppImage file>
7  # starting next time
8  ./<AppImage file>
```

1.2 Installation on Windows

The following step-by-step instructions detail the software installation procedure on Windows.
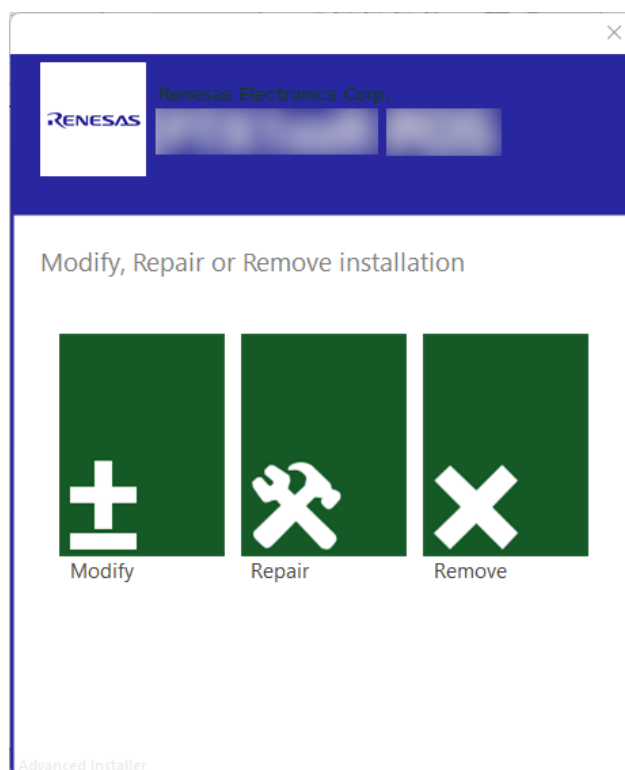
1. Double-click the installer executable in the Windows Explorer.
2. On some Windows systems, the installer application may be prevented from being run directly. If so, a window as shown in the figure below is displayed. If not, continue with step 4.
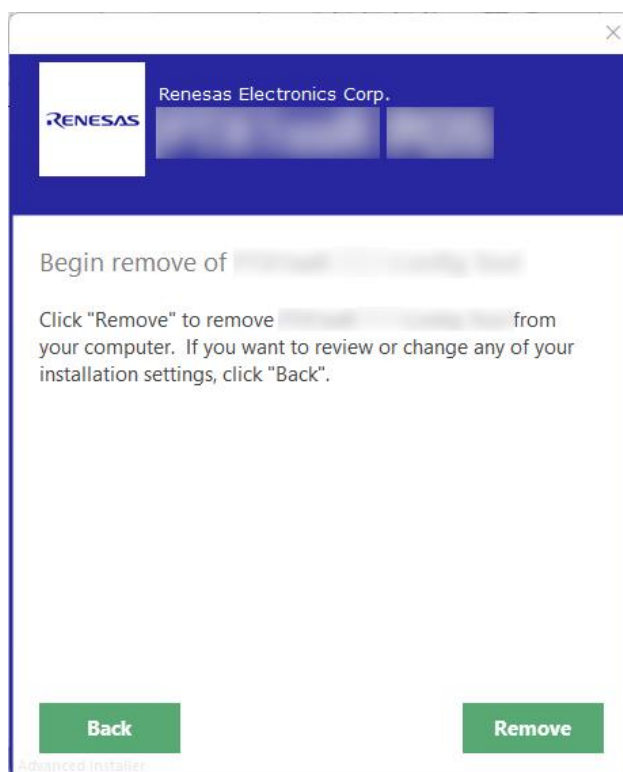
3. Click on the "More info" text (see previous image) so that all the content of the Windows Explorer becomes visible. Click on the *Run anyway* button to start the installer.
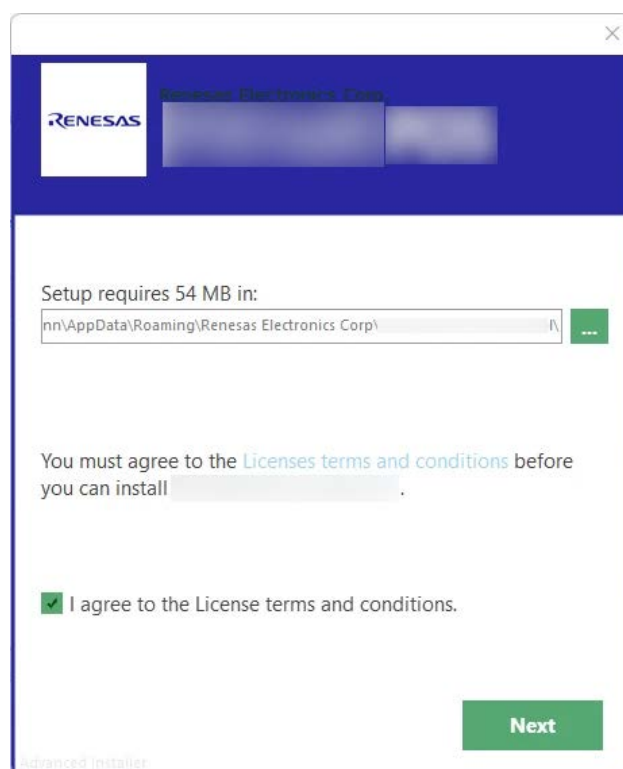

4. In the event a previous version of the application is installed on your system, it may be required to uninstall that version first. If you don't see a window as shown in the figure below, skip the next step and proceed with step 7.
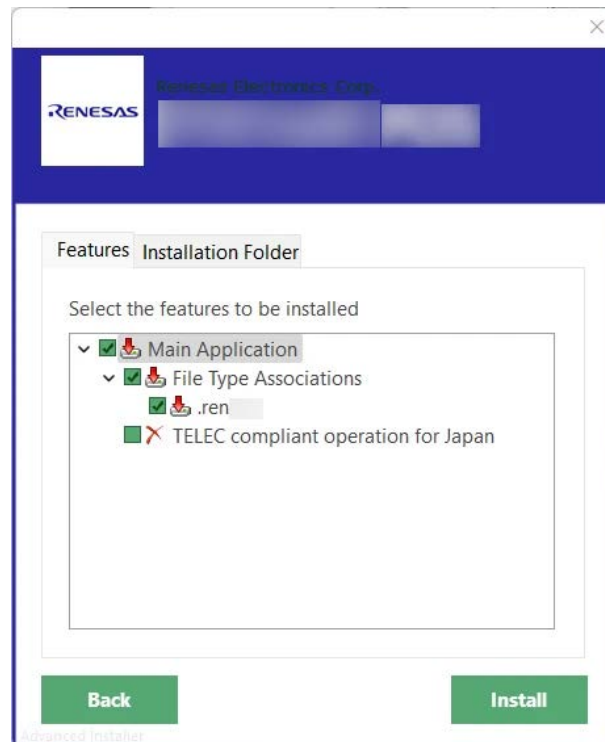
5. Click on the *Remove* button. The confirmation page displays as shown below. Click again on the *Remove* button.
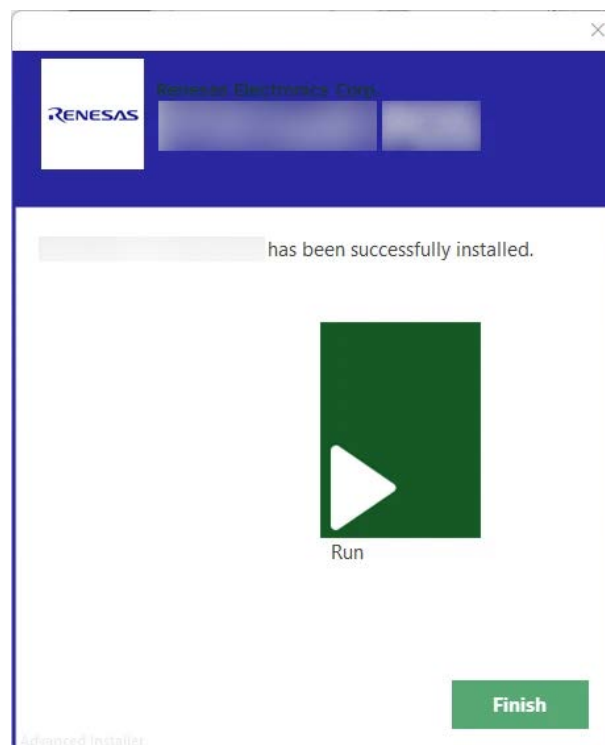

6. Once the removal operation succeeded, confirm by clicking on the *Finish* button and re-start with step 1.

7. Check the box "I agree to the License terms and conditions" as shown in the figure below and then click on the *Next* button.

8. Click on the *Install* button to start the installation. You might optionally exclude the file association feature from the installation by checking the "File Type Associations" checkbox. In case the product shall be used for Japanese market, enable the feature "TELEC compliant operation for Japan" by clicking on the corresponding checkbox (for compliance reasons, certain features will not be available when using that option).

9. Click on the *Run* button to start the application. The installer windows will close automatically.
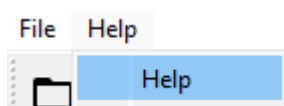
2. FTDI Installation (automatic/manual)

In order to access evaluation board functionality, a corresponding FTDI driver must be installed. Normally, Windows downloads and installs it automatically, but there might be a case where the Windows Update server is not available and the driver cannot be installed automatically during the first time the device gets connected.

In this case, refer to the following driver download page "Virtual Com Port Drivers download" and the original application note from FTDI.

3. Run the Application

After clicking on the *Run* button from the installer to start the application, the user manual of the software can be accessed via the menu bar entry "Help > Help" as shown in the image below. Refer to that user manual for detailed information about how to operate the software.

4. Revision History

Revision	Date	Description
1.00	Nov 6, 2023	Initial release.

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