

Installing the latest WC Tool Kit Application and Firmware

This will describe how to install the **WC Toolkit** application that allow anyone to program FreeWave Wave Contact series of 900 MHz RF devices. Most Wave Contact devices will either need a DB-9 serial connection (FreeWave PN - **WC-USB-DB9**) or a USB-to-4-pin dongle (FreeWave PN - **WC-USB-4PIN**) to connect to the diagnostic port on the Wave Contact device. With that Serial connection in place, the WC Toolkit software will allow you to program the Wave Contact device to be a part of a Wave Contact RF network and to configure it for Modbus and/or IO readings from those Wave Contact devices.

The **WC Toolkit** also include device firmware for most of the Wave Contact models. This will allow you to upgrade the firmware in older models to the latest firmware. For details.

There are 2 files to download:

- The WC Toolkit installer EXE file
- The WC Toolkit firmware file.

After downloading those files, you may need to extract all the files before you can install the WC Toolkit.

Now run the **WC Toolkit** installer file by double-clicking the EXE file to run the installation program. There are limited installation options to select. It will install the WC Toolkit into the systems following directory:

- **C:\Program Files (x86)\FreeWave\FreeWave WC Toolkit**

It will also install other files into your Home Directory into the following folder:

- **C:\Users\\FWToolkit**

Inside the FWToolkit folder in your home directory is a **Firmware** folder that stores all the **WC Toolkit** firmware files for the different Wave Contact modules.

The second file that was download, the **FW_WC_Firmware_2.2.38.zip** file, is the latest firmware for the different Wave Contact modules. Extracting this ZIP file will extract the firmware files to *WC_Firmware_2.2.38* folder.

Make sure the **WC Toolkit** app is running before doing the following.

Move or Copy all the firmware files from that *WC_Firmware_2.2.38* folder to the following folder on the system where the WC Toolkit application is installed:

- **C:\Users\\FWToolkit\Firmware**

Running the **WC Toolkit** should now allow upgrading the firmware for many Wave Contact modules.

To cleanup after installing the WC Toolkit application and its firmware you can delete the extracted *WC_Firmware_2.2.38* folder. The latest Wave Contact firmware can not be downloaded directly from the WC Toolkit, from the **Updates** menu. (see next page)

