

Futurecom Repeater Configurator (FRC)

Release 1.00.00 – Release Notes

FRC Software (6A083X06):

New Version:1.00.00

Old Version: ---

FRC provides Single launch point:

Users choose their specific Futurecom solution based on images displayed on the splash page. Once the specific solution is chosen this opens the desired programming page. FRC is fully backward compatible with previous firmware releases.

Note: FRC 1.00.00 software supports all hardware platforms: **PDR8000®**, **VRX1000**, **DVR**, **DVR-LX** and replaces existing APX Tweaker **2.06.04** and PDR8000 Tweaker **4.06**.

FRC contains three main components to service all hardware programming needs

1. **Configurator for APX Repeaters (VRX1000, DVR and DVR-LX)**
2. **Configurator for PDR8000®**
3. **Flash Downloader Utility**

This is used to update the firmware of the repeater. In the past the user had to download it separately from the Futurecom website, integrating into FRC makes it more of an all-in-one utility and adds a layer of convenience

FRC is compatible with following Futurecom Firmware Versions:

This release of FRC is **backwards compatible with all repeater firmware versions**. It supports reading all previously configured devices.

To access to new features/enhancements/improvements listed below, the repeater must be using applicable firmware version as identified in compatibility chart.

Firmware Compatibility Chart is located on the Futurecom Website in the Support Portal:

<https://www.futurecom.com/support/documentation-software/dvrs-vrx1000-apx/>

New Features / Enhancements: *(introduced in APX Tweaker 2.06.04, included for reference)*

I. PSU Scan (Licensed Feature for APX Repeaters)

- Support added for DVRS enabled portables. Provides the ability to enable Scan on the digital VR channels. Feature is restricted to following Repeater Channel Types: Digital, Forced Analog and Forced Analog All.

II. Over the Air Programming Via Radio Manager (RM-OTAP) (Licensed Feature for APX Repeaters)

- RM provides ability to send an updated configuration file (in new DCD format) to a repeater without having to physically connect to the device.
- DCD Template Format (APX)
The all new DCD template format allows compressed encrypted templates to be used locally or sent remotely.

III. Enhanced DVRS Mode Switching from Local PSU (APX Repeaters)

- Provides the ability to customize the DVR mode change initiated from a local PSU using call alert.

IV. Dynamic Expert Help System

- Configuration errors are identified to the user as they occur enabling quick resolution.

V. Information Assurance (IA) Enhancements

- Custom encryption option for EPR file and DPD file.
- Password protection for repeater access.
- Authorized application validation before connecting to repeater.

NOTE: Custom encryption and passwords cannot be bypassed by Futurecom.

VI. Various improvements:

- **USB ports are dynamically recognized - no user action required.**
- **Write protection** - prevent repeater data corruption when multiple Configurator applications in use.
- Feature License availability displayed in the User Info screen.
- Monitoring window activity synchronized with repeater connection status.
- **Factory Defaults for All Fields** The introduction of factory default for all fields allows the user to set fields they aren't familiar with to legal values.
- Users will notice more responsive tool tips.