Futurecom Repeater Configurator (FRC)
Release 1.27 – Release Notes

FRC Software (6A083X06):   New Version:**1.27**   Old Version: **1.24**

Note: FRC 1.27 software supports all hardware platforms: **DVR-LX®, DVR, VRX1000, PDR8000®**.

FRC 1.27 contains three main components to service all hardware programming needs
1. **Configurator for VR Repeaters (DVR-LX®, DVR, VRX1000, PDR8000®), ver. 2.38**
2. **Configurator for PDR8000®, ver. 4.12**
3. **Flash Downloader Utility, ver. 2.00**

FRC is compatible with following Futurecom Firmware Versions:
This release of FRC is **backwards compatible with all repeater firmware versions**. It supports reading and writing to all previously configured devices.

To access 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:
Home > Support > Documentation and Software > DVR-LX/DVR/VRX1000

New Features / Enhancements:
- GPS Driven Deactivation - new licensed feature that requires new firmware and GPS enabled radio.
- NAC Linking feature
- Allow saving DCD files with errors to save progress for future editing. [DVR-851]
- Added capability to create a backup EPR file for Futurecom Support during firmware upgrade/downgrade. [DVR-701/702]
- Added default filename (based on serial number) for DCD files when saving. [DVR-873]
- When Hardware Setup➜AVRA➜Automatic VR Activation is disabled (unchecked), all other AVRA fields are greyed out. [DVR-739]
- Added license file to command line (use -d1 -u<filename>) [DVR-374]
- Added file history for DCD files for easier access to recently used files [DVR-872]

Issues Fixed in This Release

- EEPROM Maintenance icon flashing yellow incorrectly identifying configuration changes to be saved after loading DPD/DCD file. [DVR-484]
- Configuration changes to Mobile Radio Channel Setup➜ VR Ch. List for MSU Zone/Channel entry 1364 and over not saved.[DVR-263]
- Unintentionally changing the configured values for PSU Scan in the Repeater Channel Setup window when loading a DPD template file. [DVR-832]
- Fixed DPD loading not applying user license options. [DVR-837]

- Added warning message upon loading of DPD files saved with older versions of FRC/Tweaker:
  "Warning- VR Activation via MSU Mode Change field value may not have been retained. Please go to the VR Common Setup window and verify the value set will provide expected operation." [DVR-878]

Field Name Updates

- Main Menu: File menu entries updated. [DVR-852]
  - "Load Rescue File" updated to "Apply Rescue File to Repeater"
  - "Load License File" updated to "Apply License File to Repeater"
  - DPD Files ➔ "Apply DPD to APX Repeater" updated to DPD Files ➔ "Apply DPD to Repeater"
  - DCD Files ➔ "Apply DCD to APX Repeater" updated to DCD Files ➔ "Apply DCD to Repeater"
- VR Common Setup window: "No Activity Timer" updated to "Inactivity Timer" [DVR-836]
- Reorganize controls for saving DCD with license [DVR-855]
  - removed File ➔ DCD Files ➔ "Save DCD File with License"
  - updated File ➔ DCD Files ➔ "Save DCD File" dialog box with license selection option

Known Issues

- Minimize button on configuration windows does not work after maximizing window size. Workaround: Restore Down button may be used instead. [DVR-896]
- When MSU is set to a display language other than English, MSU Data->Radio Display Language is incorrectly flagged as an error. Workaround: Set MSU display language to English. [DVR-904]
- When a single negative number is entered (e.g. -7) into either VR Remote Activation IDs or PSU IDs Allowed table, it will automatically be treated as range 0 to 7. [DVR-1055]
- Offline DCD to DPD file creation will result in error. [DVR-1051]