

APX P25 Interfaced VR Firmware Release 1.63 – Release Notes

| | New Version | Old Version |
|---|-------------|-------------|
| VR Application Software (4C083X11): | 1.63 | 1.62 |
| VR Boot Firmware (4C083X02): | 1.60 | 1.60 |
| VR BB DSP (4C083x04): | 1.70 | 1.42 |
| DVR/DVR-LX® TR DSP (4C083x03): | 1.18 | 1.18 |
| VRX1000 TR DSP (4C087x05): | 1.07 | 1.07 |
| Futurecom Repeater Configurator Software (6A083X06): | 1.22 | 1.18 |

Note: New firmware and FRC software is supporting all hardware platforms - VRX1000, DVR and DVR-LX®.

Compatible with following Motorola Radio Firmware Versions:

| | | |
|---------|--|--------------------|
| DVR | APX4000/6000/6500/7000/7500/8000/8500 | R21.60.00 or later |
| DVR-LX® | APX4000/6000/6500/7000/7500/8000/8500 | R21.60.00 or later |
| VRX1000 | APX2500/4000/4500/5500/6000/6500/7000/7500/8000/8500 | R21.60.00 or later |

New Features / Enhancements:

- **Firmware download over LMR**, Supports MSI ability to allow firmware download on selected MSU over the LMR network.
- **Secure Data Through VR**, Supports end to end encryption of GPS location for APX radios when operating on ASTRO 25 M3 trunked network through a VR.

Issues fixed in this release:

- DCD file inadvertently alters repeater behavior while using RM OTAP feature. FRC now saves DCD file in new format. VR Application S/W now rejects DCD file in old format (DVR-471)
- VR does not always acknowledge Remote Activation via LPSU Page (DVR-211)
- Transition to System mode is occurring even if the Mobile Repeater channel or the VR channel is configured as a Local-Fixed channel (DVR-376)
- Improved handling of large data packets (DVR-409)
- If VR Flexible Mode change enabled, VR unexpectedly cycles through SYS>LOC>OFF modes upon receiving DTMF activation sequence (DVR-410)

Known issues in Firmware Release 1.63:

- None