

APX P25 Interfaced VR Firmware Release 1.70 R2 – Release Notes

	New Version	Old Version
VR Application Software (4C083X11):	1.70	1.64
VR Boot Firmware (4C083X02):	1.60	1.60
VR BB DSP (4C083x04):	1.71	1.70
DVR/DVR-LX® TR DSP (4C083x03):	1.18	1.18
VRX1000 TR DSP (4C087x05):	1.07	1.07
Futurecom Repeater Configurator Software (6A083X06):	1.27	1.25

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

Compatible with following Motorola Radio Firmware Versions:

DVR	APX4000/6000/6500/7000/7500/8000/8500	R24.00.00 or later
DVR-LX®	APX4000/6000/6500/7000/7500/8000/8500	R24.00.00 or later
VRX1000	APX2500/4000/4500/5500/6000/6500/7000/7500/8000/8500	R24.00.00 or later

NOTE: Older MSU firmware is not compatibility with this release- **MISMATCH ERROR** message will display on control head. Please check Futurecom website for Compatibility Chart.

New Features / Enhancements:

- GPS Driven Deactivation feature (licensed feature): if MSU is equipped with GPS functionality, this feature allows VR to automatically deactivate (go to OFF mode) when it starts moving faster than a specified speed and/or has moved farther than a specified distance.
- NAC Linking feature: if PSU is in a range of multiple Primary VRs (VRs are located far enough from each other so that they are both acting as Primary VRs), this feature links the PSU to only one VR.
- Improved error messaging on the MSU Control head and FRC Update Info window while using RM – OTAP (Licensed feature) with a VR. Detailed information is added to the VR Programming Guide, Troubleshooting Section.

Issues fixed in this release:

- When the MSU is programmed for Emergency Call only and in emergency state, the DVR-LX/DVR does not revert from Local to System Mode when MSU microphone PTT is pressed ^{DVR-549}
- Unable to clear emergency sent from the Harris Console when PSU is TG translated ^{DVR-663}
- Error messages displayed on the Control Head while using RM OTAP and no feature license available on VR ^{DVR-842}
- DCD template created on DVR cannot be loaded on DVR-LX ^{DVR-847}
- PTT from PSU while MSU in OOR will cause PSU to transmit local even though Fallback to Local Repeat is disabled ^{DVR-556}
- Encrypted PSU call not working properly on duplex analog DVR-LX/DVR channel ^{DVR-929}
- Emergency Alarm is not received by PSUs that have the PSU Conventional Scan feature turned On ^{DVR-859}

Known issues in Firmware Release 1.70:

- VR activation by MSU Mode change may fail to activate VR if AVRA is in inactive state ^{DVR-964}
- DVR-LX/DVR is on Forced Analog channel and Talkgroup Translation enabled; if MSU is switched from Analog to Digital P25 channel, PSU call is denied ^{DVR-935}
- *August 20, 2021* - NAC Linking feature fails to initialize a unique NAC after enabling feature for a channel. ^{DVR-1131}