Configuration Controls Description

September 16, 2014

Applicant: Redline Communications Inc.
FCC ID: QC8-RDL3000RMG
Model: RDL-3000-RMG

The RDL-3000-RMG complies with the requirements of **KDB 594280 D01 Software Configuration Control v02r01**.

The radio system and all associated software are proprietary to Redline Communications Inc. The software is updated by signed binary file, the integrity of which is verified by the system prior to activation. Redline's radio systems can only run software provided by Redline Communications Inc., which is available directly from Redline, or from Redline's certified partners.

The radio system's current operating regulatory domain is controlled by a license key, which can only be generated by and obtained from Redline Communications Inc.. The license key is generated specifically for the regulatory domain into which the radio is to be deployed. It prevents the radio from operating in any way which may violate regulatory requirements.

All configuration access to the radio system is done via Redline-designed user interfaces. No access to the underlying operating system is available to any user of any type. The user interfaces ensure that the radio is configured in a way that conforms to the regulatory domain specified by the active license key. The radio's interfaces have user security implemented. Only users with sufficient security permissions (i.e. professional installers) have write access to the radio's configuration. Even with a sufficient security level, any configuration change that a user attempts which would violate regulatory requirements is explicitly denied by the operating system.

For more details, please refer to the Software Security Declaration document.