Vanderbilt VRCNX-RM Reader Controller supports up to 16 AD, LE or NDE series locks spread across up to 8 wired devices per channel. 2 channels available in this configuration. GWE gateway can support up to 10 NDE/LE locks and PIM400-485-SMS can support up to 16 AD-400 locks each. When combining F protocol devices, GWE, AD-300 and AD-400 on the same channel limited to 8 wired devices and up to 16 AD or NDE/LE locks combined total.

Readers using Schlage protocol must reside on separate channels from the F protocol AD locks and are not addressed in this diagram. Once you configure VRCNX-M as a R1 or R2 channel 3 is designated for Schlage protocol only limiting you to 8 AD-300 hardwired devices or up to 16 wireless locks and only channel 2 is available for F protocol devices (as locks).

Vanderbilt VRCNX-M capable of powering GWE, PIM400-485 and AD300 in this configuration if they are located in less than 500' of wire run to VRCNX-M controller.

Earth ground shield on Belkin cable at SCRNX-R reader controller enclosure only.

UL294 power supplies used should not bond earth ground to signal ground. Verify supply is correctly sized to support load.

If plenum rated cable is required use Belkin 82842 or equivalent.