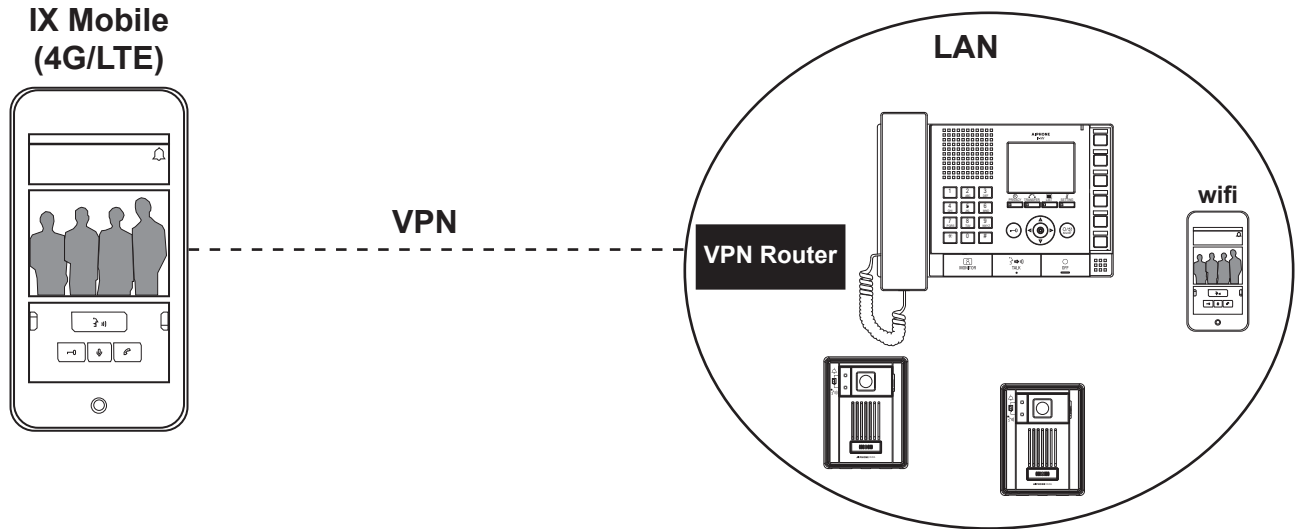# IX Mobile Over 4G/LTE™

The IX Mobile app can be operated over a 4G/LTE network, but requires a VPN connection to the network that the IX Series resides on. The IX Mobile app allows for calling, communication, paging, and door release with the IX Series system that it is registered with.

IX Mobile Series Layout

Overview

The IX Mobile app can receive and make calls to its associated IX Series system. When using the IX Mobile app over a 4G/LTE network, a VPN connection must be established to that network. A gigabit VPN router is recommended for best results. Consult with your network administrator for the proper VPN router and its configuration. 4G/LTE network's data stream may vary in quality, therefore the IX Series video door settings may need to be adjusted for best results.

Adjustments

On each video door station that is to communicate with the IX Mobile app over a 4G/LTE network, Video Encoder 1 settings should be adjusted to decrease the bandwidth used.

In the IX Support Tool in **Station View** under the **Network Settings** window, scroll to the **Video section**.

Adjust Video Encoder 1 settings such as Resolution, Frame Rate, etc. to decrease the bandwidth used.

Video Encoder 1 settings are for video seen by the instances of the IX Mobile app, and IX-MV.
Video Encoder 2 settings are for video streamed to a VMS.