## Project Topic:

## Security Issues in Public Safety Communication Networks

### Motivation:

The current security mechanisms in public safety communication networks will need to be either adopted or improved when the existing public safety communication networks transition from the P25 standard to the next generation system – FirstNet. The existing security mechanisms in the voice only public safety communication network is based on P25 AES encryption. FirstNet will be modified from existing 4G LTE commercial network in order to provide first responders with data transfer capabilities.

### Objective:

### Proposed research:

### Evaluation plan: