

An Analysis of Inter-Agency Radio Communications with Emergency Responders

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Interagency communication among emergency responders has been a long-standing problem since the implementation of the two-way radio. The achievement of interoperability among users of various frequencies is essential to increase efficiency and safety between different entities of public safety. Many current communications systems are proprietary in nature, making them incompatible with one another. This research will focus on the concerns of interagency communication of first responders and the barriers that exist in its development. The scope of this research will also analyze local law enforcement agencies in Northwest Florida and their interoperability among other emergency services. First responders are critical to the initial reaction plans of manmade or natural disasters and common frequency capabilities are necessary in achieving interoperability.