



WIRELESS

# CASE STUDY

## Improve Officer Safety by Solving Radio Interference

### Challenge

The Sergeant put in charge of the radio system that is the primary communications method for it public safety first responders found a mess.

### What We Did

- We first looked at all of Rumson's licenses from the FCC to ensure that all of the information was updated and technically correct and all of their licenses were narrowband compliant.
- We tackled the interference issue and worked with the APCO and the FCC to obtain and license a new frequency for Rumson.
- After evaluating the locations that Rumson had access to, HHW recommended moving the transmitter to a new location.
- HHW prepared all of the paperwork and filed it with the FCC.

### Result

- The interference is completely gone, the radios system coverage now works as it is expected to and all of their FCC licensing is up-to-date.
- In fact, during the aftermath of Super Storm Sandy, the neighboring jurisdiction's police department ended up having to use Rumson's radio system as their was out of commission as a result of the storm.



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