



JDRM Engineering, Inc.

# FIRST RESPONDER RADIO TESTING AND IN-BUILDING RADIO AMPLIFICATION DESIGN

Does this radio work in  
**YOUR** building?

Our testing systems, performed by certified and licensed staff will find out — BEFORE an emergency occurs. JDRM Engineering will test the radio transmissions *USED BY YOUR EMERGENCY SERVICES PROVIDERS*. A complete report that is easy to read and understand will be provided to you.

Your building can obtain reliable, code-compliant uninterrupted radio coverage with the help of our professionals.



- Steven C. Wheeler, RCDD**
- Thomas Rawlings, RCDD, ESS**
- Roger DeBelly, P.E., RCDD**
- David DesJardins, P.E., LEED AP BD+C**
- Chris Nunamaker**  
RF In-Building Distribution Solutions Certified Professional

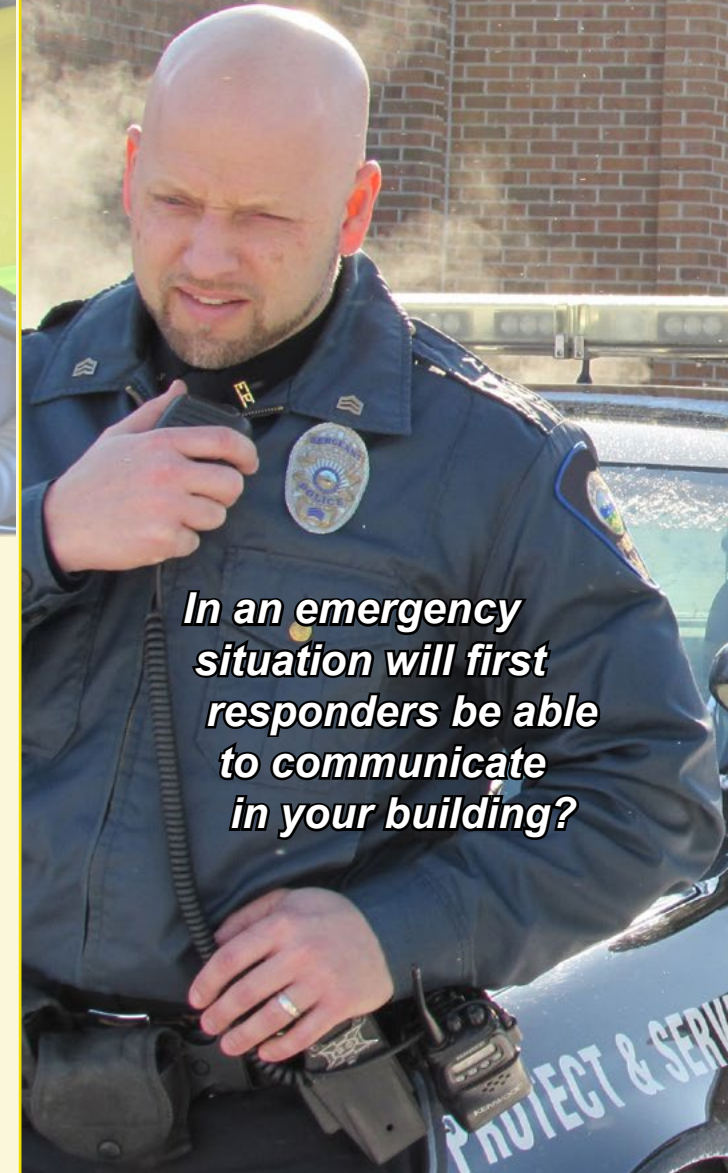
An RCDD is a Registered Communications Distribution Designer. This credential is achieved by passing a comprehensive exam after meeting industry experience requirements, maintained through stringent continuing education, and administered through BICSI, the worldwide professional association supporting the information transport systems (ITS) industry.



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# EMERGENCY RESPONDER RADIO COVERAGE TESTING & DESIGN



*In an emergency situation will first responders be able to communicate in your building?*

## RADIO COMMUNICATIONS

If emergency radio signals can't get through your building, everyone is in peril. Buildings without adequate radio coverage endanger public safety personnel responding to an emergency. Communication failure impacts the emergency responders' assessments, placing occupants in harm's way.

There is a way to enable radio signals to transmit through facilities. FCC approved "signal boosters" along with Distributed Antenna Systems (DAS) enhance building communications.

## JDRM SERVICES

- Independent third party testing.
- Specialized testing equipment
- Strategic partnerships can provide turnkey solutions and possible financial assistance.
- Uplink and downlink signal strengths measured and documented for all frequencies.
- Signal Strength Report - including recommendations.
- Record keeping in accordance with codes.
- Local emergency personnel and base station coordination.

## CODE REQUIREMENTS

Emergency responder radio coverage was first introduced in the 2009 International Building Code and the terrorist attacks on the U.S. on September 11, 2001 brought the need for these requirements to the forefront throughout our country. Many U.S. fire jurisdictions and state building codes have adopted requirements for in-building public-safety radio coverage. JDRM Engineering continually monitors changes in requirements made to international, national, state, and local building codes as well as the National Fire Protection Association (NFPA) standards.

Please visit [jdrm.com](http://jdrm.com) for more information. [The Life Safety - First Responder Radio Coverage](#) and [Answers to Frequently Asked First Responder Radio Questions](#) pages provide many additional details.



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