

# FCC COMPLIANCE ASSESSMENT

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## Are you ready for Narrowbanding?

On January 1, 2013, all public safety and business industrial land mobile radio systems operating in the 150-174 MHz and 421-512 MHz radio bands must stop using 25 kHz technology and begin operating at 12.5 kHz efficiency technology.

Migration to 12.5 kHz efficiency technology is now known as “narrowbanding” and will allow the creation of additional channel capacity within the same radio spectrum to support more users.

After the deadline, licensees not operating at 12.5 KHz efficiency will be in violation of the Commission's rules and could be subject to FCC enforcement action, which may include admonishment, monetary fines or loss of license.

Realizing this mandate will have an impact on most of our core customers and industry partners, Total Safety, along with its Communications Division, H2WR, is scheduling complimentary FCC Narrowbanding Assessments.

During our assessment, we will:

- Identify radios that are capable of operating in 12.5 kHz and what equipment will need to be replaced.
- Determine potential system design opportunities and challenges -- operational coverage may diminish after analog narrowbanding.
- Develop operational and budget-friendly plans to replace non 12.5 kHz capable equipment.
- Establish a conversion and implementation schedule.
- Coordinate your conversion with neighboring agencies or facilities to facilitate continued interoperability if needed.
- Conduct tests during conversion to ensure your system continues to provide similar coverage.

The FCC has required all radios certified since 1997 to include a 12.5 kHz efficiency mode, so newer equipment is likely dual mode 25/12.5 kHz and can be converted simply via software. However, some radios may need to be reprogrammed or replaced. No matter what the outcome, we will be a steady hand to guide you through this transition.

Call us today to schedule your assessment at 713.681.2525 or email [narrowbanding@h2wr.com](mailto:narrowbanding@h2wr.com).

 ...to ensure the safe Wellbeing of Workers Worldwide



### Total Safety Facts

Major companies trust Total Safety's products and safety services to optimize workflows, accelerate project life cycles and improve efficiency, which helps increase your bottom line.

1,600+ team members • Over 100 locations in 13 countries • Dedicated global service

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