



WHY DIGITAL TWO-WAY RADIO

WHY DIGITAL MIGRATION IS ESSENTIAL TO YOUR BUSINESS

Licensed, professional two-way radios have revolutionized communications for decades and continue to empower millions of people today. From schools to seaports, construction sites to convention halls, they are synonymous with reliability, durability and convenience.

Now professional radio is making a big leap forward — the move from analog to digital. Regulatory pressures and real-world needs are driving greater spectrum efficiency. Some legislators are even mandating that no new designs of two-way radios can be certified unless they have digital capability. This means that practically everyone in the future will use digital.

Digital radio offers many advantages over analog, including improved voice quality with greater coverage, better privacy, better battery life and more. That's why it's critical to consider digital migration now — so when you're ready to upgrade, you'll choose a system with the greatest benefits for the long term.



BETTER VOICE QUALITY

HEAR AND BE HEARD CLEARLY WITHOUT NOISE, STATIC OR DISTORTION

When you use a normal analog radio, every sound that's picked up by the microphone is transmitted. If there's a lot of background noise, it can be very difficult to understand you. Digital technology is purer. The software focuses purely on your voice, paying no attention to the machine clatter or the crowd noise around you. The result is exceptional voice clarity.

Radio interference creates static on an analog radio and makes the conversation less intelligible. Voice gets garbled and the message must be repeated. Because a digital radio has automatic error correction, it rebuilds voice sounds and maintains the clarity of the voice, even if a signal is badly corrupted. And since speech is digitally-encoded, you benefit from smarter capabilities, such as advanced software algorithms that can deliver clear voice in the most extreme conditions.