



iMED — Iowa's Medical Interoperable Communications

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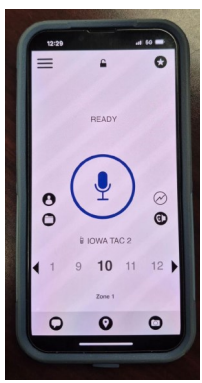


[WAVE PTX](#) Push-to-Talk solution coming to a Region 1 hospital near you



Iowa Statewide Emergency Medical Services Communications Plan final draft to HHA for review

iMED Project - WAVE PTX



WAVE PTX is a push-to-talk (PTT) application that can connect your team across a variety of devices, networks, and locations. This project aims to utilize the application as a gateway into the ISICS land mobile radio (LMR) network for personnel in the hospital setting in a variety of ways—including a desktop application allowing for a dispatcher type awareness of public safety response as well as a cellular phone application which allows for one-to-many communications at the push of a button over a cellular phone connection into the statewide ISICS radio network, which currently connects over 40,000 public safety and public service responders across Iowa. The infrastructure will be in place on the ISICS network for WAVE application device licensing to hospitals in Region 1 for 3 years to demonstrate this project. This connection requires LTE or internet capabilities for connection into the LMR network. The final draft of the EMS plan includes the use of a desktop or mobile application linked to ISICS as the primary hospital to EMS communications method. PACE planning requires that you have alternate, contingent, and emergency communications plans in place.

Iowa's EMS Communications Plan



ISICSB, Iowa's emergency services stakeholders, and Health and Human Services, with technical assistance from the Cybersecurity and Infrastructure Security Agency (CISA), have finalized the revised State of Iowa Emergency Medical Services Communication Plan. This updated draft has been submitted to the Iowa Bureau of Emergency Medical and Trauma Services (BEMTS) for review and consideration.

The revision aligns with the ISICSB interoperability talkgroup plan and the iMED grant demonstration project, representing a unified commitment to interoperability, collaboration, and best practices for enhancing patient care and ensuring responder safety across Iowa. The ultimate objective is to establish a seamless mode of operations and communication, transcending the localized policies and procedures of individual agencies.

In today's interconnected response environment, prioritizing interoperable communications, comprehensive training, and mutual operational understanding among field partners is critical to achieving effective and coordinated emergency responses.

Timelines



iMED mobile radio unit orders have begun for many of the agencies across Region 1; a 4-6 month lead time for the equipment to arrive is expected. The iMED team will then diligently work with the 16 counties and their vendor to install and transport equipment in an efficient and effective manner. WAVE PTX servers will arrive and be implemented on ISICS on a shorter timeline, and interoperability can begin through current regional talkgroups. The project is multi-faceted and also includes the EMS plan being implemented, the talkgroup programming being finalized, training users throughout this grant project, and local and regional functional exercises to provide users with effective and practical mechanisms to identify best practice, lessons learned, and areas for improvement in plans and procedure.

[iMED website](#)

Rural Emergency Medical Communications Demonstration Project

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