

MIRAMAR, Fla. and IRVINE, Calif., Dec. 17, 2018 /PRNewswire/ -- Hytera, a leading global provider of innovative Land Mobile Radio communications solutions, recently introduced the full duplex capable mobile radio MD782i FD as part of their forward-looking i-Series DMR radios. The MD782i FD couples the industry-leading capability of the Hytera i-Series portfolio with full duplex capability, which allows a user to make radio to radio calls, both in direct mode and through a repeater, without the use of PTT. This also allows the radio to operate as a single frequency repeater, a feature that was first introduced to the market by Hytera in 2017 in the PD982i portable.

In addition to the full duplex capability, the MD782i FD also features greater receive sensitivity, increasing range, enhanced frequency stability and a broader range of power settings for the transmitter.

Accessories from the popular MD782i are fully compatible for use with the MD782i FD mobile. The radio is ideal for desktop or vehicle installations and as part of Hytera's new i-Series products, the mobile offers premium features such as over-the-air alias, enhanced quick GPS, out-of-range notification in repeater mode operation (RMO) and over-the-air reprogramming (OTAP). Users can also use the MD782i FD mobile for advanced back-to-back connection of Hytera IP connected sites. The GPS version of the radio integrates with Hytera SmartDispatch and SmartOne dispatch solutions with enhanced quick GPS polling up to 450 vehicles per minute for each channel deployed.

Users can be confident that their communications are secure because, besides the encryption inherent to digital technology, the MD782i provides enhanced encryption capabilities, such as 256-bit encryption algorithm, end-to-end encryption, over-the-air encryption, and analog scrambling. Telemetry can be used to monitor and control other devices remotely via the radio. "Whether it's a farmer with acres of land, or a warehouse with mass amounts of forklifts transporting supplies, my customers need to know what is occurring now, at the very second an incident occurs. They cannot waste precious time and safety by dialing a number or waiting to find signal. The MD782i allows them to remain in constant contact with their fleets.

"The MD782i FD provides customers with innovative solutions to optimize their communications and operations and is another example of Hytera's market leading products," said Steve Cragg, VP Sales, Hytera America, Inc. "Through technical innovation, the MD782i DMR mobile radios empower users to achieve more."