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## NEWS: *Q-TRACK AND WiBORNE ANNOUNCED Commercialization Partner & Marketing Plans*

Huntsville, Ala, - The Q-Track Corporation ([www.q-track.com](http://www.q-track.com)) and WiBorne, Inc., Irvine, California, announced an agreement to pursue a Phase II Small Business Innovative Research (SBIR) contract to track miners underground. The contract would be awarded by the National Institute for Occupational Safety (NIOSH). NIOSH is seeking a technology that can accomplish a goal set by Congress for 2009 of being able to track miners accurately using wireless devices. The goal was established in the Mine Improvement and New Emergency Response Act of 2006 (MINER Act).

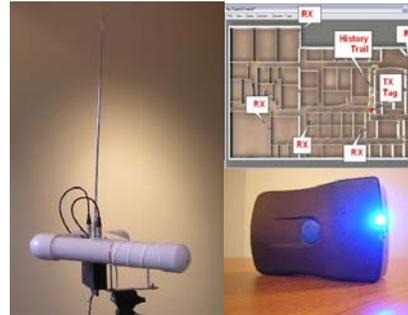
Q-Track has successfully completed a Phase I SBIR awarded by NIOSH. In the performance of the Phase I contract, Q-Track demonstrated in an experimental mine managed by NIOSH that NFER® technology can accurately track a miner to an accuracy of ten feet using a receiver that is hundreds of feet away from the miner.

Q-Track's NFER® technology is emerging as a preferred RTLS solution for operation in complicated indoor propagation environments. Operating at low frequencies, typically within the AM broadcast band (530-1710kHz), NFER® systems exploit the near-field behavior of radio signals within about one-third of a wavelength to measure distance.

Low frequencies penetrate walls better than the higher frequencies. Additionally, low frequencies largely avoid a major problem of high frequencies called multipath. Multipath is the confusion from radio waves reflecting off walls, floors, and ceilings. Hence, NFER® systems are capable of operating indoors where existing high-frequency tracking technologies are often deficient.

The Q-Track Corporation has been methodically improving NFER® technology through research grants from the National Science Foundation, DARPA, the Department of Homeland Security, the Army, and other federal agencies.

Q-Track has a number of patents in the U.S. and has also secured related patents in Europe and China. Q-Track offers [QT-400 Starter Kit](#) for sale to early adopters and strategic partners interested in evaluating the technology.



Q-Track has sold licenses for different applications for its technology; including tracking firefighters and providing a complete system to track supplies in warehouses by combining passive RFID on pallets with NFER® technology on forklifts that are moving the pallets.

Wiborne's commitment to tracking miners has brought it to Green River, Wyoming where Wiborne demonstrated long range RFID tracking in a FMC Corporation mine. At Green River, Wiborne integrated dual band 802.11 2.4GHz and UHF 915MHz into five miles of tunnel. The system tracks moving vehicles and miners. Wiborne is committed to the world-wide market of tracking miners. For example, Wiborne is working closely with China's Mining Technology Research Corporation.

WiBorne provides value added solutions to many market segments. WiBorne is experienced in providing UHF solutions into a wide range of markets including mines in USA and China, WiBorne is pursuing a fully integrated program to expand production and port capacity in line with increasing market demand, particularly from South Africa, China, India, USA, and amongst others.

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April 28, 2008