

Karl W. Rehn

Training Manager, Public Safety & Security

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Professional History

- Applied Research Laboratories, University of Texas at Austin
- KR Training

Education

- University of Texas at Austin
- Bachelor of Science in Engineering
- Master of Science in Engineering

Publications

- *Non-Lethal Swimmer Neutralization Study*, SPAWAR Tech Document 3138, May 2002
- *A Sonar for Detection and Classification of Swimmers*, Journal of Underwater Acoustics, Summer 1991
- *Airsoft Guns: Economical Force on Force Training*, SWAT magazine, April 2003

Mr. Karl W. Rehn is the training manager for the Enhanced Threat and Risk Assessment (ETRA) course. The course is offered by the Public Safety and Security (PS&S) Division, part of the Texas Engineering Extension Service (TEEX), which is part of the Texas A&M University System. Mr. Rehn received Bachelor's and Master's degrees in Electrical and Computer Engineering from the University of Texas At Austin.

From 1983 to 2007, Mr. Rehn was employed by the Applied Research Laboratories, University of Texas (ARL:UT) as a project engineer and program manager for Department of Defense (DoD)-funded research programs developing new technology for physical security of waterfront areas, non-lethal diver deterrence, and underwater mine detection. That work included extensive threat and risk assessments to identify what security gaps existed that could be closed through development of new hardware and software. As a result, new swimmer detection sonars, new diver handheld sonars, and software for improved target classification were developed, along with security plans that employed the new capabilities.

After 9/11, he and his research team traveled to key sites in the U.S., Europe and the Middle East, installing prototype equipment, training operators and decision makers in the use of the new devices. He also led the development, delivery and training effort for the U.S. Coast Guard's Integrated Anti-swimmer System program, which supplied operational Coast Guard security teams with a complete waterfront security solution.