

Danish Army receives software emulated Harris radios from IFAD TS.



The Royal Danish Army has taken delivery of a software emulated Harris RF-5800H-MP radio from IFAD. The radio will be used for the Army's radio communications training program. The delivery follows previous contracts awarded to IFAD for the supply of IRAS Trainers, including student and instructor stations, to the Army and Navy respectively, as well as several high fidelity radio simulation solutions (IRAS Radio) for military radio operator training.

Software Emulated Radios

The Harris RF-5800H-MP radio will be included in the Army's IRAS Trainer solution which is already equipped with other modelled radios delivered by IFAD, including Harris AN/PRC-117 and Harris AN/PRC-152. All radios are emulated with functionality as the real systems. The emulated Harris-5800H-MP radio includes functions such as radio programming using communications planning application (CPA), near vertical incidence skywave (NVIS) HF communications, digital and analog voice modes, FIX mode communication, 3G communication (linking synchronous and asynchronous), 3G last ditch voice (LDV) exchange and buffering, 3G link quality analysis (LQA), 3G E-mail exchange with Outlook, and encryption key handling.



Operator Training and Mission Rehearsal

All software emulated radios delivered by IFAD support basic radio operator training as well as complex communication scenarios training. They are available in several versions, e.g. installed on the IRAS Trainer school house solution for operator and mission training purposes, or stand-alone versions on Laptops or PC's for basic operator training.

IRAS Trainer

The IRAS Trainer is an advanced, widely configurable solution designed to provide cost-effective, real-time radio operator and communications procedure training, as well as enable rehearsal of complex communications scenarios. The system supports a broad range of HF, VHF, UHF and SATCOM radio systems. Equipped with a user-friendly interface and interoperable components, the IRAS Trainer enables a single instructor to train a large number of students during daily training and large scale exercises. The IRAS Trainer is available in either standalone mode for use on laptops or PCs for basic operator training, or as a networked system for training of entire teams.



Software emulated radios provided by IFAD

The IRAS product family provided by IFAD includes IRAS Trainer, IRAS Radio, IRAS Touch, and IRAS Comm. The solutions are all operational at the Danish Army Signals School and the Danish Army Combat School since 2010, and the Royal Danish Navy Warfare Training Center at Naval Base Frederikshavn since 2007.

Further information:

Further information: info@ifad.dk

More information is also available at www.ifad.dk