



Danish Army awards IRAS Radio Communications simulator contract to IFAD.

IFAD, a leading provider of radio communication training solutions has received a contract award to deliver IRAS (*IFAD Radio Simulation*) to Danish Defence.

A complete **IRASTrainer** solution with student and instructor stations will be delivered to the Danish Army. Selected army radios, incl. Harris AN/PRC-117F and Harris AN/PRC-152 will be modelled and installed on the system. **IRASTrainer** will be used for basic radio operator training. In addition it provides training of complex communication scenarios. The contract award is a follow-up and extension to the **IRASTrainer** solution delivered to the Royal Danish Navy's Tactical Warfare training center at Naval Base Frederikshavn.

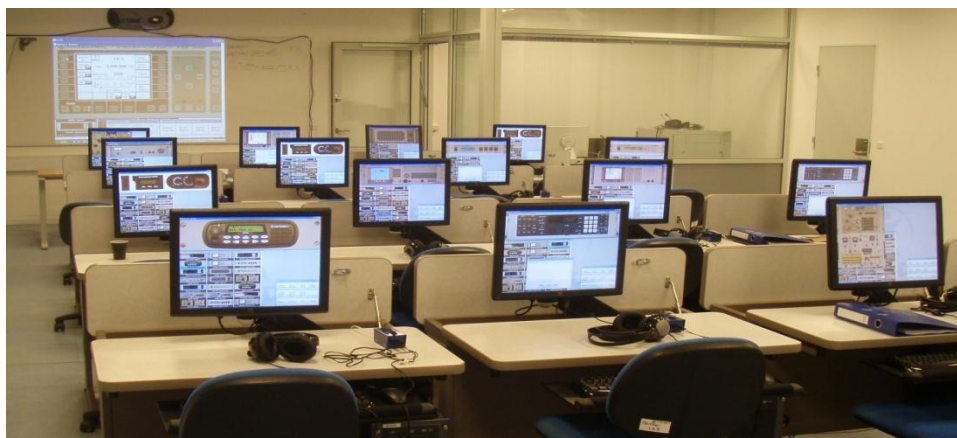


Image: IRASTrainer classroom with instructor and student stations

IFAD offers high-fidelity radio simulation solutions for radio training and voice communication. Solutions have been delivered to Danish Army, Danish Air Force and Royal Danish Navy.

IRASTrainer

IRASTrainer enables basic and advanced radio operator training, procedure training as well as rehearsal of complex communications scenarios for a large number of different radio systems and operators.

IRASTrainer has been designed to provide both realistic communication equipment operation as well as a realistic communication experience. Something that today normally is done using expensive live equipment and complicated installations with limited capabilities or restrictions compared to the realistic field conditions. **IRASTrainer** addresses the need for mission training in realistic communications scenarios.

Simulated Communication

IRASTrainer provides simulated communications for a large number of different HF, VHF, UHF and SatCom radio systems. The IRASTrainer radio communication network simulates real radio signal propagation such as HF radio propagation, signal-to-noise ratios and audio effects, including background noise.



IRAS Product Family

IFAD offers a family of radio simulation solutions for radio training and voice communication in real-time training simulators. The IRAS product family includes

- IRASTrainer Complete radio training system, including student and instructor stations
- IRASRadio Suite of software emulated radios (stand-alone operation or integrated)
- IRASTouch Networked communication device with touch display and software radios
- IRASComm DIS-based simulated radio communication and Intercom system

Highlights

- DIS based simulated radio communication and Intercom
- Fully interactive emulated navy and army radios
- HF, VHF, UHF, SatCom
- Realistic simulation of
 - Signal propagation
 - Signal-to-Noise ratios
 - Audio effects
 - Background noise
- Advanced instructor station
- Highly configurable
- Remote Control API for 3. Party application integration
- COTS hardware and software



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