

# IFAD TS A/S



IFAD develops and markets training solutions for mission-critical defense applications.



## *IFAD Product Series*



## *Profile*

IFAD is a Danish 100% private company. We are the leading Danish provider of simulation-based training solutions with focus on mission-critical training to defense and homeland security. We are recognized as the preferred partner and have a strong long-term relationship to the Danish Defence. We provide training solutions, customization, integration, maintenance and support to Danish as well as international military customers.

## *Training Solutions*

IFAD provides distributed simulation solutions for Naval training, Close Air Support training, and Radio Communications training. Our solutions are based on leading edge COTS simulation technology, proven in-house products and a solid experience achieved from many years collaboration with our defence customers.



## *Interoperability Solutions*

IFAD provides interoperability gateways enabling integration of Live Virtual and Constructive (LVC) systems for distributed team training. Our simulator gateway solutions include simulator-simulator interoperability, simulator-C2 integration and simulator-sensor system integration.



# IFAD Product Series

## IRAS - RADIO SIMULATOR

The IRAS Radio Simulation provides highly flexible and configurable solutions for radio operator training, communications procedure training and voice communication in real-time training simulators.

The IRAS products support DIS or HLA based radio communication and Intercom. They operate on COTS hardware and software platforms and can be used either out of the box or tailored to customer specific requirements.



## INTS - NAVAL TACTICAL SIMULATOR

The Naval Tactical Simulator (NTS) is a powerful, flexible and scalable system dedicated to execution of realistic naval battle space scenarios, including surface, subsurface, air and land entities, as well as naval sensors and tactical weapon systems, tactical data link, communications and environmental conditions.

NTS supports a wide range of protocols and standards for integration of live equipment, virtual and constructive simulations as well as C2 and C4I Systems.

The naval battlefield simulation and integration capabilities makes NTS ideal for building naval CIC training environments using a combination of live and emulated equipment.



## IRAD - RADAR SIMULATOR

The IFAD Radar simulator provides Radar video simulation based on GIS data and 3D simulation technology. IRAS is used with NTS to stimulate Radar equipment for operator training and provide Radar video for integrated part task training environments.

IRAD supports both analogue RADAR video for a range of RADAR systems as well as digital RADAR video LAN distribution.



## IFACTS - FORWARD AIR CONTROLLER TRAINER

The FAC/JTAC Trainer (IFACTS) - is a deployable, PC-based system for training and practicing the direction of close air support, providing a synthetic environment within which the FAC can control aircraft missions using simulated communications and simulated equipment. Equipment includes GPS, ground laser target designators, laser range finders, binoculars, NVG, compass, thermal equipment and ROVER. The system can either be used with the IFACTS 'Easy-to-Fly' aircraft controlled by the instructor; or with a real pilot-in-the-loop controlling a flight simulator, e.g. F16/ACT; or in a combination.



## SIMGW - SIM GATEWAY

The IFAD SIMGW provides DIS and HLA interoperability out of the box. The SIMGW enables rapid integration of live, virtual and constructive (LVC) systems into distributed simulation exercises.

The SIMGW provides short integration time using a platform and protocol independent interface. The SIMGW supports multiple platforms (Windows and Linux) and protocols (DIS and HLA, various FOMs and RTIs).





## About us

IFAD is a professional provider of

- Simulation & training solutions
- Networked simulation solutions
- Customer specific training solutions

to Defence and Homeland Security markets.

## Our values

### Knowledge

IFAD is an 24 years old knowledge-based company located in Odense, Denmark. The company is 100 % Danish owned.

### Leadership

IFAD was founded on quality, technical excellence, and leadership. Building on 20+ years of innovation, IFAD assists companies and organizations world-wide in getting the best out of their mission critical software applications and human training programs.

### Motivation

IFAD is recognized as a very loyal, motivated and competent partner supplying quality solutions and products that meet or exceed our customers' expectations.

**IFAD TS A/S**



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