

IRAS Radio Simulation Solutions

IRAS is a software based radio simulation training solution.

It is developed to be used for voice communication between computers on a Local Area Network or in integration with other simulator solution.

IRAS is intended for training and exercises in real-time simulators by simulating transmitting and receiving radios. IRAS is useful in both defence and civilian areas.

IRAS has been developed in close cooperation with the Danish Defence and been in operation for all services for more than 10 years.

The radio simulation is based on open standards and protocols which makes it easy to integrate in simulation environments.

It will also operate perfectly well in its own environment.

It fulfils the radio communication needs for all services in the military simulation domain ranging from small scale set-ups to hundreds of communication stations.

Each communication station provides communication for a single simulator operator.

The IRAS product family

IRAS PRO

is our generic COTS radio simulation solution with a simplistic set up and deployment. Main focus is on providing a smooth communication experience for the users.

IRAS PRO is a standard solution that is useful for all services, Army, Navy, Air Force, Special Operation Forces, and in civilian environments.

IRAS PRO is composed of a Communication Station (operator station) with a Communication Control Panel, and an Instructor Station.

IRAS PRO_Navy

is our standard radio simulation solution tailored specifically dedicated for instructor led crews in a Navy simulator environment.

It includes an IRAS Server, which allows for:

- Easy configuration
- Updating of the installation
- Special designed communication panels and instructor interface.

IRAS PRO_Navy is dedicated for navy simulation environments.

IRAS PRO_Army

is our standard radio simulation solution tailored specifically for simulators used in the Army domain.

It is based on IRAS PRO but includes an IRAS Server that allows for:

- Easy configuration
- Updating of the installation.

IRAS PRO_Army has the capability to integrate with other simulators, such as Steel Beasts via our specialized simulation gateway.

IRAS Customized solutions

Can be utilized if you have specific requirements, e.g. special or customized user interfaces to interact with an IRAS solution.

This is whether it is via communication control panels or software emulated radios. We can offer customization of our existing solutions, or we can develop new user communication panels to meet your requirements. We can also offer emulation of real radios to a level of detail as required by you, and if you have other requirements to the user interface, we can help you.

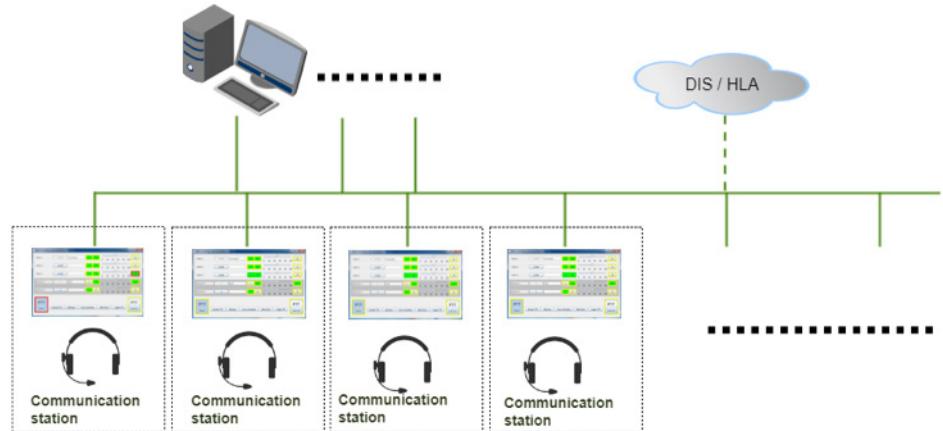
Licenses and configurations

IRAS licenses are bundled as follows:

- **IRAS PRO Kit** (1 Operator license, 1 Operator Panel license, 1 Instructor license)
- **IRAS PRO Add-on** (1 Operator license, 1 Operator Panel license)
- **IRAS PRO Instructor** (1 Instructor license)
- **IRAS PRO API** (1 Control API license)
- **IRAS Server** (1 Server license)

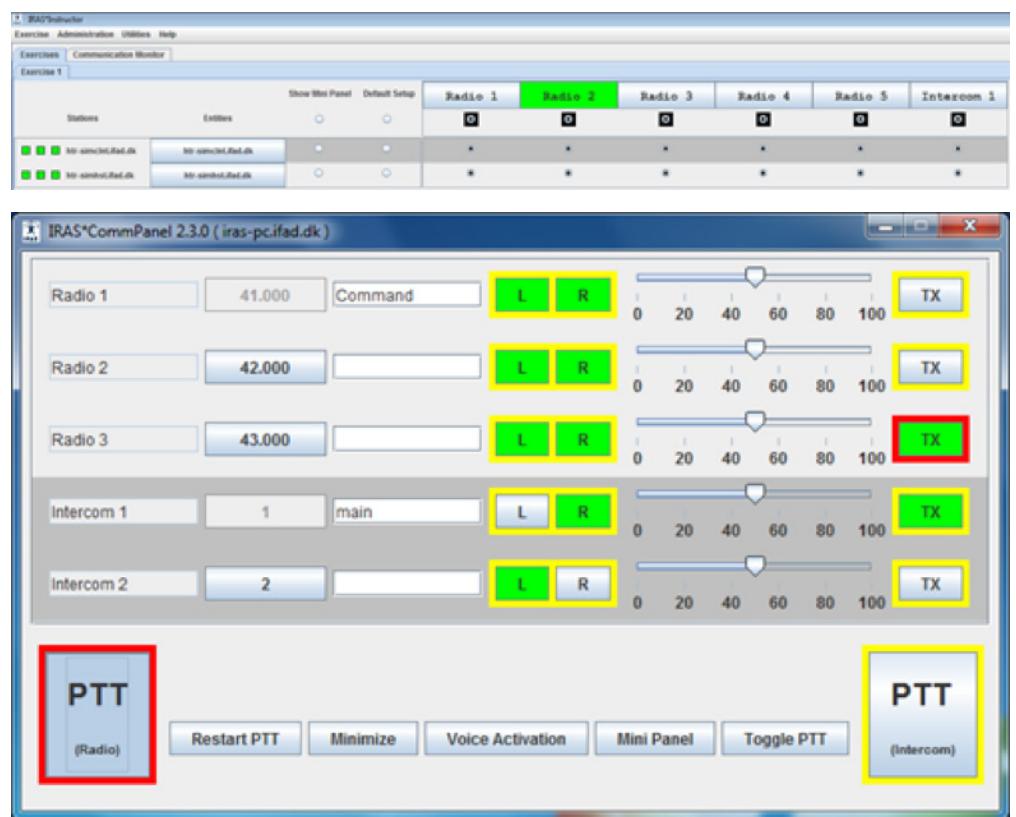
Depending on the needs of the user, an IRAS PRO solution can be configured with a number of Communication stations (Operator stations) and Instructor stations.

IRAS Instructor Station

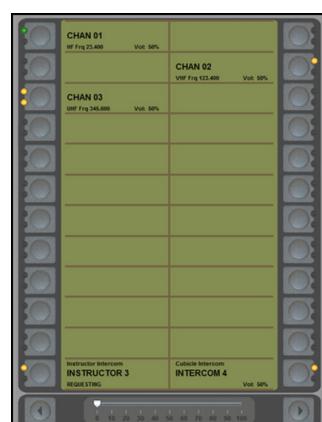


The figure below illustrates the flexibility of IRAS PRO with multiple Communication stations and Instructor stations

IRAS PRO user interface:



IRAS PRO_Navy user interface: IRAS Simulated radios:



About us:

IFAD is a professional provider of:

- *Simulation and training solutions*
- *Networked simulation solutions*
- *Customer specific training solutions*

Our Values:

Knowledge

IFAD has 30+ years of experience as a knowledge based company located in Odense, Denmark. The Company is 100% privately owned.

Leadership

IFAD was founded on quality, technical excellence and leadership. Building on 25+ 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.



**If you need more information,
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