

## IFACTS simulator delivered to Danish Defence for Joint Simulation Training.

IFAD, a leading provider of forward air controller training solutions (FAC/JTAC) have delivered IFACTS (*the IFAD Forward Air Controller Training Solution*) to the Danish Defence.

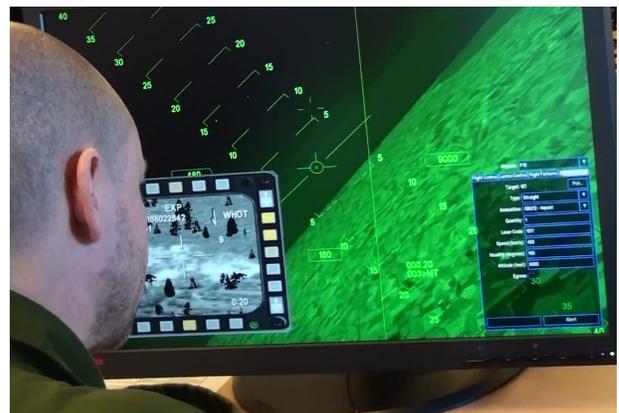
IFACTS was delivered to the Danish Army Fire Support School for basic FAC training as well as joint training of combat experienced FACs from TACP/SOF and pilots.

The IFACTS solution is networked with the Army's JCATS system (*Joint Conflict and Tactical Simulation*). Realistic training scenarios are generated and controlled by JCATS. Intercom and radio communication is handled by IRAS, a radio communications simulator provided by IFAD.



FACs and pilots train realistically and intensively together. They rehearse missions in the same terrain while facing the same enemy threat.

IFACTS provides for night and day CAS training in actual operating environments, and in all weather conditions.



### True-to-Life Scenarios

Traditionally pilots and FAC's have been forced to rely only on expensive and limited real-life training. Through the integration of IFACTS with JCATS training activities were enabled, which would otherwise be impossible to practice, except for in actual combat. With IFACTS forward air controllers exercise realistic true-to-life scenarios, including Convoy Escort, Show of Force, Talk-On and Engagements. High and Low Level CAS procedures are rehearsed in all weather conditions, day or night.

**The FAC/JTAC Trainer (IFACTS)** - is a deployable, PC-based system for training and practising 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.



The IFACTS training solution helps military services to cope with a growing demand for mission ready ground commanders.

The solution improves FAC proficiency, cooperation skills and performance. It will increase training effectiveness, and reduce operational costs, impact on environment and reliance on weather.

*Image: FAC training event*

### Joint simulation CAS exercise

The IFACTS solution can be used stand-alone or networked, either in a local configuration or geographically distributed with pilots and FACs operating at different sites.

IFACTS is fully integrated with the F16/ACT flight simulator already in use by the Danish Air Force.



*Image: Joint Simulation Training event.*

### Low-Risk solution

IFACTS makes use of standard technology, such as NATO standards, HLA/DIS and COTS which provides for flexibility, scalability and low-risk to the customers.

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