

News release:

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## Joint Simulation Training Event with IFACTS

IFAD, a leading provider of forward air controller training solutions (FAC/JTAC) have participated in the Joint Simulation Training Event 2010 in cooperation with Danish Defence and Arenalogic.

The IFAD Forward Air Controller Training Solution (IFACTS) networked with ACT (F-16 flight simulator) from Arenalogic and JCATS (Joint Conflict and Tactical Simulation) used by Danish Defence at the Army's Combat School provided the training setup. Combat experienced Pilots and Forward Air Controllers were exercising realistic true-to-life scenarios, including Convoy Escort, Show of Force, Talk-On and Engagements. Scenarios were generated and controlled by the Army's JCATS system. Communication was handled by IRAS\*Comm, a radio communications simulator provided by IFAD.



**Training close air support (CAS)**

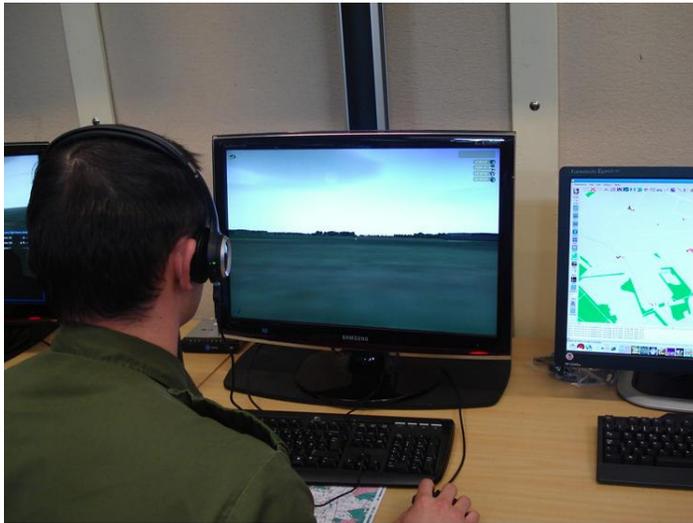
Image from the Joint Simulation Training Event

### The Pilot/FAC training solution

Traditionally Pilots and FAC's have been forced to rely only on expensive and limited real-life training. Through the integration of IFACTS with the F-16 flight simulator (ACT) and JCATS training activities were enabled, which would otherwise be impossible to practice, except for in actual combat.

The FAC/Pilot training solution helps military services to cope with a growing demand for mission ready ground commanders. It will improve the pilot and FAC's proficiency, cooperation skills and performance, it will increase training effectiveness, and it will reduce operational costs, impact on environment and reliance on weather.

The integrated solution can be used either as a stand-alone solution or networked with other systems, e.g. JCATS. IFACTS as well as ACT make use of standard technology, such as NATO standards, HLA and COTS.



### FAC in action

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

True-to-life scenarios are generated by JCATS.

Image from the Joint Simulation Training Event

**The Air Combat Trainer (ACT)** - is a deployable, PC-based system that immerses the F-16 Pilot in a rich and dynamic synthetic war environment, while operating high fidelity simulations of aircraft, sensors and avionic systems. ACT is designed to provide multiple pilots with tactical, systems and weapon training from basic to large scale A/A and A/G warfare scenarios.



**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.

Further information: [info@ifad.dk](mailto:info@ifad.dk) or [www.ifad.dk](http://www.ifad.dk)

