



Press release: 16 February 2009

New Solution for Pilot and FAC/JTAC Training

IFAD, a leading provider of forward air controller training solutions (FAC/JTAC) have signed a partnership agreement with Arenalogic, a leading provider of high fidelity combat flight simulation solutions. The partnership enables the two companies to jointly provide cost-effective, deployable simulation-based training solutions for FAC and pilot training. IFAD and Arenalogic expect the new FAC/Pilot training solution to have great potential in a promising market for realistic CAS combat training.

This agreement is a major step forward in IFAD and Arenalogic's strategy to become leading training solution providers of Air Combat and Close Air Support (CAS) training solutions. The partnership was triggered by customer requirements for a realistic, cost-effective, deployable FAC/Pilot interoperability training capacity to be used for basic training as well as for mission preparation and rehearsal.

Traditionally Pilots and FAC's have been forced to rely only on expensive and limited real-life training. Through the partnership IFAD and Arenalogic can now offer a training solution that will enable training activities, which would otherwise be impossible to practice, except for in actual combat. The FAC/Pilot training solution is offered as a forward air controller simulator (IFACTS) integrated with an F-16 flight simulator (ACT).



Tomas Eilsø, Arenalogic CEO and Benny Graff Mortensen, IFAD CEO in front of the new FAC/Pilot training solution.

IFACTS to the left and the ACT F-16 simulator to the right.

On-demand training key to readiness and successful mission

The FAC/Pilot training solution from IFAD and Arenalogic will help 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.

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The new Pilot/FAC training solution

IFACTS was designed to provide forward air controllers, TACP units and pilots with the ability to train and sustain CAS mission team and individual skill sets. The ACT F-16 simulator was designed to provide pilots with tactical, systems and weapons training. By combining the unique capabilities of each product IFAD and Arenalogic can now offer a deployable training solution that enables military services to rehearse mission-critical CAS training under realistic true-to-life situations.

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

The Air Combat Trainer (ACT)

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 Trainer (IFACTS)

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.



Pilot and FAC/JTAC operate in the same 3D geo-specific battle space

Market opportunities

"We are excited about the partnership with Arenalogic as they provide a key technology that will be beneficial to defence forces in these areas. Arenalogic's ACT F-16 flight simulator has successfully been integrated into our forward air controller training solution, IFACTS", said Benny G. Mortensen, General Manager & CEO of IFAD. "We believe this alliance will put IFAD in a position to significantly enhance our product opportunities in the defence market and work towards our goal of increasing our share of revenues that come from our simulator businesses in this market." Benny G. Mortensen added.

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"We are very pleased and see great potential in this partnership with IFAD. The synergy between our products creates a solution, which not only delivers training for the individual FAC and Pilot, but provides the essential interoperability training capacity. For the purchaser the solution provides a high return on investment, and for the soldier it provides critical training, at a level of realism otherwise hard to achieve except for in real combat", said Tomas Eilsø, General Manager of Arenalogic.

ITEC 2009

The integrated solution (ACT – IFACTS) will be marketed jointly by Arenalogic and IFAD. The solution will be presented at the ITEC 2009 exhibition in Brussels 12-14th of May 2009.

About IFAD

IFAD is a professional provider with 20+ years of experience in providig simulation products, customer-specific training solutions, and consultancy to Homeland Security and Defense markets. The following solutions are part of our customer-focussed approach to successful mission-critical training: JTAC/FAC training, ASTT, SAR/NAV, Radio communications training, Emergency management, and INTOPS Mass casualty management training.

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About Arenalogic

Arenalogic is the leading Danish company providing, affordable, high fidelity air combat simulators and computer based training solutions for the international military aviation community.

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