

# NEWS RELEASE



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## **Applied Dynamics International Selected as a Partner for Army's Future Combat System Program**

Ann Arbor, Mich., – Applied Dynamics International (ADI) today announced they have been selected as a partner to BAE Systems for the Army's Future Combat System (FCS) program.

"It is an honor to be selected as a partner to BAE Systems for the Army's Future Combat System program," said Melissa Wright, president of ADI. "The highly-distributed, highly-networked architecture of today's military vehicles is resulting in an increasingly challenging integration problem. Aerospace and defense programs demand tools that effectively reduce the effort required to perform system integration. On the other hand, these programs require tools with an open architecture to guarantee interoperability and compatibility with existing and future technologies. We've spent decades working closely with aerospace and defense teams to develop a system integration framework designed specifically to meet these needs and we're pleased that the Army has recognized the value our technology can bring to the Future Combat System program."

System integration and real-time simulation will be an important part of the Army's FCS program. As each member of the FCS Family-of-Systems (FoS) progresses through development and demonstration, a System Integration Lab (SIL) will be used to test and evaluate the battlefield node. This cutting-edge approach to aerospace and defense product development significantly reduces development cost and program risk. As each node of the FCS FoS approaches completion it will be integrated with other battlefield nodes in a System-of-Systems Integration Lab (SoSIL) to ensure interoperability and reliability.

Today, advanced SIL facilities use ADI's ADvantage Framework to provide a field-proven, real-time simulation backbone offering scalability, reliability, and a large user base. In addition, ADI offers services to help commission and operate SIL facilities. During the first weeks or months in the life of a SIL facility, experienced resources are in very high demand. To help keep project development schedules on track, ADI provides highly-skilled and experienced real-time simulation experts on-site.

ADI's ADvantage Simulation Framework played a key role in BAE Systems' development of the NLOS-C demonstrator, providing real-time simulation capability to reduce technology development schedules. BAE Systems designed and fielded the NLOS-C demonstrator in just six months and fired the 1000<sup>th</sup> test round in April 2005. Prior to the FCS program, ADI was

recognized with a Supplier of the Year award by United Defense for their contribution to the Army's Crusader program.

*About ADI*

Applied Dynamics International, is a pioneer in the development, manufacture, and application of simulation and control system technology for 47 years. ADI is a supplier of advanced embedded hardware and software development tools for the aerospace, automotive, defense, electronics and other related industries. Headquartered in Ann Arbor, MI, Applied Dynamics International also has offices in the United Kingdom, installations in 23 countries and representatives throughout the world. Visit ADI at <http://www.adi.com>

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