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Department of Defense Awards Cybernet Systems \$720,000 to Develop Virtual Prototyping Simulation Software

Contract to Help Reduce the Cost and Accelerate the Development of Future Military Vehicles

Ann Arbor, MI, May 3, 2004 — Cybernet Systems Corporation today announced that it has been awarded a \$720,000 Phase II development contract from the Department of Defense Small Business Innovation Research (SBIR) program to create a Virtual Systems Integration Lab (VSIL) for the United States Army. Once completed, the VSIL will enable the military to design, prototype and simulate electronic systems (Vetronics) for military vehicles in a virtual environment dramatically reducing design costs and accelerating new vehicle development and deployment.

“Building the prototypes for vehicle electronic systems has historically been a long, expensive and painful process,” said Glenn Beach, director of technology for Cybernet Systems. “The manufacturing and testing of components and systems usually results in a need for multiple versions. In order to decrease the cost of system design and accelerate a project’s time to delivery, Cybernet is creating a virtual modeling application that will enable the military to virtually design and test systems in a highly controlled environment before the physical prototype manufacturing begins. This will ensure the prototyping process is streamlined and efficient.”

Highlights of the VSIL development include:

- implementing the VSIL architecture
- creating methods for handling simulation models
- creating tools for designing and connecting component models
- creating metrics for measuring component and system performance
- developing component models for common electronic components

- incorporating hardware-in-the-loop capabilities

Cybernet has a long history of providing advanced research and development to the Department of Defense with 250 R&D contracts and more than \$50 million invested in Cybernet technology. Past technologies included designing complex architectures for training simulation, gesture recognition, advanced networking, machine vision and embedded electronics. The company's demonstrated expertise with software architecture, systems modeling, sensor development, vehicle modeling and hardware testing were key factors in the award of this SBIR contract.

About Cybernet Systems

Cybernet Systems is a rapidly growing technology-based company developing human-machine interaction products. The company has broad technology experience with focused ongoing projects in the areas of business software, Internet medical systems, large-scale distributed network training and gaming, robotics and gesture control interface technology. Additional information is available at www.cybernet.com.

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