

**FOR IMMEDIATE RELEASE**

**RE2, Inc. Developing End-Effector Retrofit Kit for Mobile Robots**

*-- RE2 Leverages SBIR Technology to Improve Manipulation Capabilities of Small EOD Robots*

**PITTSBURGH, PA** – June 9, 2008 – RE2, Inc., a leading developer of intelligent modular manipulation systems, announced today that it is developing the **RE2 End-Effector Retrofit Kit** – a field-upgrade kit that enables users of existing small Explosive Ordnance Disposal (EOD) robots to easily exchange end-effector tools on a robot’s manipulator arm. The development effort is being funded through the National Center for Defense Robotics (NCDR).

The RE2 End-Effector Retrofit Kit improves the manipulation capabilities of existing and next-generation small mobile robots, which have manipulator arms with built-in grippers. The goal of this program is to extend the capabilities of existing fielded EOD robots, improving operator efficiency and reducing time-on-target.

RE2 is leveraging technology that has been developed under its Army Small Robot Toolkit (SRT) Phase II Small Business Innovation Research (SBIR) program. The SRT includes a patent pending RE2 Quick Release™ technology that makes it easy to exchange end-effector tools at the end of a manipulator arm. The RE2 End-Effector Retrofit Kit replaces a robot’s existing gripper with the hand-tightened RE2 Quick Release™, which can be used to mount a variety of mission specific end-effector tools. The Retrofit Kit uses the existing robot’s motor and electrical inputs, providing the ability to use both motorized and passive end-effector tools.

“A key benefit of our Retrofit Kit is that it makes it easy to upgrade an entire fleet of EOD robots in the field with minimal infrastructure changes,” stated Jorgen Pedersen, president and chief executive officer of RE2, Inc. “Our goal is to provide small robot users with a variety of tools to adapt to all situations in the field.”

“The RE2 End-Effector Retrofit Kit is a very good example of how funding provided by organizations, such as the NCDR, can be used to readily adapt SBIR-developed technology for potential use on a program-of-record system,” stated Bill Thomasmeyer, president of the National Center for Defense Robotics and executive vice president of The Technology Collaborative.

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**About RE2, Inc.**

RE2, Inc. is a leading developer of intelligent modular manipulation systems and JAUS software solutions. The Company's manipulation systems utilize the RE2 JAUS Software Development Kit to ensure interoperability with fielded robotic platforms. RE2's customers include the Army, Navy, government labs, universities, and defense prime contractors. RE2's expertise lends itself to several markets, including defense, law-enforcement, homeland security, and explosive ordnance disposal. To learn more about the RE2 JAUS SDK, visit [www.resquared.com/JAUS-SDK.html](http://www.resquared.com/JAUS-SDK.html). For more information, please visit [www.resquared.com](http://www.resquared.com) or call (412) 681-6382.

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