

# Press Release

## HARFORD COUNTY GOVERNMENT

### Office of Economic Development



#### PUBLIC SAFETY

“Ensuring a Safe  
Harford”

#### EDUCATION

“Preparing Now,  
Building for the Future”

#### EFFICIENCY IN GOVERNMENT

“Governing Smarter”

#### ECONOMIC OPPORTUNITY

“Growing and Sustaining  
Harford’s Prosperity”

#### ENVIRONMENTAL STEWARDSHIP

“Protecting Our  
Environment”

#### QUALITY LIVING

“Safeguarding What is  
Important to Harford  
County Citizens”

FOR IMMEDIATE RELEASE: April 28, 2009

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## A3 Technologies Opens Their Doors

(Aberdeen, MD) -- A3 Technologies, LLC welcomed government officials, the scientific community and business leaders today at its Ribbon Cutting and Open House in its new 4500 square foot facility located at 1200 Technology Drive. This laser solutions company offered demonstrations of its technology and products throughout the day.

In 2006, Applied Spectra, a California-based technology company, formed a sister company, A3 Technologies, LLC, in Aberdeen, Maryland. A3 develops, produces and deploys laser-based technologies and systems for federal, military and civilian security markets.

“A3 marks a new step forward in Harford County’s mission to expand and develop new technology companies as part of our local economy, and we congratulate them on their expansion,” said Harford County Executive, David R. Craig.”

A recent graduate of Harford County’s Incubator Facility at HEAT, A3 offers technology transition, manufacturing, military demonstration-validation, as well as service and training at the local Maryland facility. “A3’s maturation from Harford County’s Incubator Facility into expanded space further shows Harford County’s commitment to success in growing technology firms that will bolster our local economy and provide strategic support to our Nation’s security,” commented James C. Richardson, Director of the Harford County Office of Economic Development.

With a staff of 22 scientists and engineers at the Aberdeen, MD and the Fremont, CA locations, the companies work expeditiously to exceed customer requirements and expectations in laser-based sensor technologies. In addition, they hold several strategic collaborations with top industrial, military and academic institutions including the Army Research Laboratory, Juniata College, the University of California-Berkeley, Johns Hopkins University, Princeton University, and several other private companies.

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“We are very thankful to the Federal, State and local governments that have supported the establishment of this company,” said Dr. R. E. Russo. “We remain committed to providing key technological solutions for the commercial marketplace, the warfighter, the first responder, and those meeting State and Federal securities requirements.”

A3’s products are primarily advanced laser-optical measurement and detection systems. The scientific foundations of the products include Laser Induced Breakdown Spectroscopy (LIBS), Raman Spectroscopy, and other technologies, all of which provide a ‘green’ approach to replace laborious conventional chemical analysis processes.

Part of A-3’s mission is to work closely with its end-users to understand not only the mission requirements of its products, but also the environmental conditions affecting a successful hardware solution. Its close proximity to the Army Research Laboratory and the Army Test Center at APG, MD fosters a close working relationship with DOD users.

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“Preserving Harford’s past; promoting Harford’s future”