



## **Northeastern Maryland Additive Manufacturing Innovation Authority**

### **Business News (3D printing/additive manufacturing/federal DoD)**

Northeastern Maryland Authority fosters federal facility partnerships with area manufacturers in 3D prototyping for cybersecurity, military and commercial product applications

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## **Northeastern MD Authority fosters federal facility partnerships with area manufacturers in 3D prototyping for cybersecurity, military and commercial product applications**

*(Thursday, October 23, 2014—Aberdeen Proving Ground, MD)* The Northeastern Maryland Additive Manufacturing Innovation Authority (NMAMIA) is pleased to announce the formalized launch of two Joint Work Statements for Collaborative Research and Development Agreements with area manufacturing companies, supporting 3D prototyping in cybersecurity and customized client solutions.

The first manufacturing company to enter into a cooperative agreement via NMAMIA is Integrata Security, based in Baltimore, Maryland, but seeking to manufacture here in northeastern, Maryland. Initially, Integrata Security is interested in a new casing for their product. They are forward focused on their cybersecurity product line and are also working with Army Research Laboratory on some product aspects. In addition to 3D prototyping skill sets, they've identified hardware design, electrical design and integration concept capabilities as desirable attributes derived from the CRADA process.

"Integrata is very excited to be working with the additive manufacturing experts at the U.S. Army Edgewood Chemical Biological Center (ECBC). These capabilities will greatly enhance our ability to perform rapid prototyping of our highly advanced cyber security products," said Mike Geppi, CEO Integrata Security.

The second manufacturing firm is Rapid Prototyping and Manufacturing Technologies, LLC, based in Fallston, MD. RPM Tech, with the assistance of NMAMIA, is combining its capabilities with the extensive prototyping and material capabilities resident at APG, to enhance RPM Tech's capabilities to serve its customer base, which includes both commercial and military product applications.

Their primary focus areas over the next three years include technical consulting in the prototyping and material areas, fabrication of complex and advanced prototype structures and smart structures, as well as end products for RPM Tech's existing customer base. Quick turnaround manufacturing and complex geometries will be emphasized.

"RPM Tech is excited to extend its technical expertise through its new relationship with ECBC," said Cyrus Etemad-Moghadam, President of RPM. "We look forward to learning from the Army's expertise and augmenting the collaboration with RPM Tech's commercial engineering knowhow. "

"These initial agreements are a great first step that solidifies the process and paves the way for future agreements, said Rick Decker, Executive Director, NMAMIA. "We took some time to ensure this agreement would protect the intellectual property of the third party. I believe this Authority will be the model for future public-private partnerships that will create jobs and manufacturing in the state of Maryland."

These types of agreements are the result of a mechanism, or Authority, enacted by Maryland legislation and created to foster economic development within the region by promoting collaborations among Federal, State, and local government, businesses, educational institutions, entrepreneurs and innovators. In leveraging these resources and established additive manufacturing investments in Harford and Cecil Counties, including the Federal facilities and capabilities operated by ECBC and other Federal entities at Aberdeen Proving Ground, Maryland, the Authority can expedite processes. NMAMIA is designed to improve the accessibility of, and connections between, existing infrastructure, expertise, and educational resources within and outside the region; facilitate cooperation in the development of new

products and processes; bridge gaps between research, product development, and the commercial application of new technologies and manufacturing processes; and facilitate the involvement of Harford Community College, Cecil College, Towson University, and other segments of the higher learning community in developing and sustaining a skilled additive manufacturing workforce through degree, certification, specialized training, and continuing education programs.

The Authority was enacted on June 22, 2014. It established its 25-member board, elected officers and selected an Executive Director at a public launch on July 8.

“This is very exciting news for Maryland manufacturers,” said Carl Livesay, Manufacturing Director with Maryland Department of Business & Economic Development. “Congratulations to Rick Decker and NMAMIA for brokering a partnership agreement between Integrata Security and the ECBC that will result in real manufacturing jobs.”

The board has since submitted its business plan to Maryland General Assembly, sought administrative funding support from Maryland Department of Business & Economic Development and is currently branding a less-cumbersome title.

For more information about NMAMIA, visit [www.apg-cssc.com](http://www.apg-cssc.com) under “spotlight.”

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