**PRESS RELEASE: ObjectSecurity Completed $750k Government Contract to Advance DoD Capabilities in Supply Chain Risk Analysis**

**ObjectSecurity is Using Graph Analysis to Improve and Automate Supply Chain Risk Analysis for the DoD**

**San Diego, Calif. – May 19, 2019 –** [ObjectSecurity](https://objectsecurity.com), The Security Automation Company, today announced that it has completed a $750,000 Phase II Small Business Innovation Research ("SBIR") contract from the Navy to advance the capabilities of the US Department of Defense (DoD). Entitled "Supply Chain Risk Analysis Management Solution" (SCRAMS), the Phase II SBIR investment funded the development of an automated supply chain risk analysis system. A core objective is to overcome the limitations of Navy Enterprise Resource Planning (Navy ERP), an SAP-based ERP system used by the Navy.

The $750k SBIR technology funded a working prototype that helps Navy and other organizations make sense of the supply chain information they already have, but which cannot yet be effectively analyzed for supply chain risks. SCRAMS ingests information from ERP and other sources and intelligently “connects the dots”, supporting smart searches across the analyzed data as well as automated risk analysis and reports. Navy needs to analyze procurement data for malicious intent as well as accidental/QA issues, surfacing whether supplied items and assemblies of items pose a risks to safety, security and assurance.

“The award of this Direct-to-Phase II SBIR grant was a critical milestone for ObjectSecurity and underscores the strength of our strong technical capabilities." said Ulrich Lang, CEO of ObjectSecurity. "SBIR contracts allow us to research and develop advanced concepts that feed into rapid product development, enabling us to commercialize next-generation innovative products that will bring tremendous value to the DoD, and our customers across all industries. We are committed to leading this initiative with the DoD to protect DoD’s embedded systems from adversaries by delivering advanced next-generation technology solutions."

“By drawing on graph data analytics, semantic information modeling, artificial intelligence, natural language processing, and cybersecurity, SCRAMS provides improved visibility, and saves time and money”, said Holmes Chuang, Principal Software Scientist at ObjectSecurity. “Using a graph database allows us to model the data intuitively, providing greater insights”, adds Ulrich Lang, CEO of ObjectSecurity.

The federally-funded Small Business Innovation Research (SBIR) program is a highly competitive program that encourages domestic small businesses to engage in research and development that has significant potential for commercialization of innovative products, and their eventual transition into DoD programs. The program’s chief role is to bridge the gap between the performance of basic science and the commercialization of resulting innovations.

**About ObjectSecurity**

ObjectSecurity LLC is The Security Automation Company. A privately held company based in San Diego, CA, ObjectSecurity’s mission is to reduce cybersecurity effort, complexity, and cost through innovative cybersecurity automation technologies, including security policy automation, supply chain risk analysis automation, and vulnerability assessment automation.

1) Supply chain risk analysis automation: ObjectSecurity SCRAMS analyzes procurement data and microelectronics for supply chain risks. In 2019, we added analysis support for SAP, and circuit board risk analysis as a finalist at an AFWERX Challenge.

2) Security policy automation: ObjectSecurity OpenPMF offers powerful yet manageable technical security policy implementation. In 2019, we improved user and dev experience, and increased the reach of our consistent "umbrella" platform - covering people, process, tech layers, and policies (ABAC & more). ObjectSecurity was selected “Cool Vendor” by Gartner for OpenPMF

3) "AI hacker" automation: ObjectSecurity VAPTBOX, an ongoing commercialization of the just-funded SBIR Phase II, is an intelligent automated vulnerability assessor and penetration tester that uses artificial intelligence to adapt. In 2019, we received a multi-million, multi-year government investment to fully develop VAPTBOX.

**More information:**

- Company: <https://objectsecurity.com>

- Team: <https://objectsecurity.com/team>

- VAPTBOX: <https://objectsecurity.com/vaptbox>

- OpenPMF: <https://objectsecurity.com/openpmf>, <https://objectsecurity.com/explainer>

- SCRAMS: <https://objectsecurity.com/scrams>, <https://objectsecurity.com/afwerx>

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