OBJECTSECURITY LLC
CAPABILITY STATEMENT

Our innovative software capabilities proactively secure assets, mitigate supply chain risks, and make security manageable through automation and intelligence:

Capability	Subcategory	Description
Binary Vulnerability Analysis	ObjectSecurity™ OT.AI™ Platform	Proactively improves cyber resiliency by preventing OT/ICS cyberattacks and production downtime by identifying and reporting unpublished, hidden vulnerabilities in industrial software code (Navy & DARPA SBIRs)
	Software Bill of Materials (SBOM)	Analyzes binary Software Bill of Materials (SBOM) for vulnerabilities (DHS SBIR)
Artificial Intelligence & Cybersecurity	Trusted AI	Analyzes AI/ML based systems for AI-specific cybersecurity vulnerabilities and recommends mitigations (USAF SBIR)
	Wireless sensor cyberattack detection	Analyzes wireless traffic across many protocols for cyberattacks (including for CBM+ and 5G) (Navy STTR)
5G Vulnerability Analysis	5G network vulnerability analysis	Analyzes 5G cybersecurity vulnerabilities and trustworthiness, including expeditionary environments
Supply Chain Risk Analysis	Analyze supply chain data for risks	Analyze data from ERP Systems (e.g., SAP and Navy ERP) and other information sources for supply chain anomalies indicating supply chain risks (Navy SBIR)
	Printed circuit board risk analysis	Analyze circuit boards for anomalies, counterfeits etc., using computer vision and more AFWERX Microelectronics Provenance Challenge Finalist)
Supply Chain Digital Transformation	Supply chain modernization, optimization, integration, forecasting	Modernize and optimize maintenance supply chains platform with data cleaning, correction, and generation that intelligently optimizes (USAF SBIR, Army SBIR)
Access Control Automation	OpenPMF™ Security Policy Automation Platform	Award-winning platform that makes implementing access controls to stop security breaches – with maximum security and minimum effort – including Zero Trust Architecture (ZTA), Attribute-Based Access Control (ABAC) and more. Generates technical security enforcement from intuitive policies. Tests, audits and documents policies for assurance (NIST, Army Navy, USAF SBIRs, EU FP5/FP6/FP7)
Cyber Red Team Automation	Simulated cybersecurity red team "AI hacker"	Automates a red team "AI hacker" to carry out network-based cybersecurity attacks, learns about defenders and IT landscapes using AI/ML (MDA SBIR)

Solid, growing San Diego business

Great track record

20yrs bootstrapped, solid revenue

Employee owned + operated

R&D + commercialization success

Strong team + partners

12+ patents

Awards: Gartner "Cool Vendor", AFWERX

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Entity: SAM-registered small business

Our Government R&D track record illustrates our track record and capabilities (excerpt):

Project	Title	PoP	Customer
M2SIM	Multilayer Modeling and Simulation	2022-2023	Army
VeriCoR	Third Party Verification of COTS Compliance with Requirements	2021-2023	DARPA
Char5G	Characterizing 5G Networks	2021-2023	Navy
MBF-LEEP	Mission Based Forecasting Logistics Enterprise Enhancement Platform	2021	Army
AITRUST	AI/ML Trust Analysis	2021-2023	USAF
TAV-SCRAMS	Total Access Visibility Supply Chain Analysis	2021-2023	USAF
MoSRA	Binary software composition analysis	2021	DHS
TIS: Trusted Sensor Integration	AI/ML based cyber resilience of CBM Capabilities	2020-2021	US Navy (NAVSEA)
RedBox	Portable device for embedded systems security analysis	2018-2023	US Navy (ONR)
AFMEP	AFWERX ME Provenance (AFMEP)	2019	US Air Force (AFWERX)
WhizRT	"AI hacker" – simulated automated red team	2018	US MDA SBIR
OpenPMF Dual Use	OpenPMF dual-use for Air Force	2018	USAF SBIR
SCRAMS	Supply chain risk analysis management system	2017-2019	US Navy (SPAWAR) SBIR
A-ACPTS	Access control policy testing tool (OpenPMF Auditor)	2015-2019	NIST SBIR PH I + II
OpenICE	Security for medical devices (OpenPMF integration) (subcontract)	2016-2017	Army SBIR Ph. II
seL4 assurance	OpenPMF seL4 integration (subcontract)	2014	DARPA – SBIR
NextGenRE	Next gen requirements engineering	2014	European Space Agency
FAA Security & safety assessment	Security management system impact on safety management	2014	FAA
Proximity-based access control	OpenPMF PBAC support (subcontract)	2013	US Navy – SBIR
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Bandwidth optimization	Bandwidth optimization research (subcontract)	2012	US Navy – SBIR
Network Vuln. & IDS	OpenPMF DDS integration (subcontract)	2011	US Navy – SBIR
OpenPMF RTI integration	DDS SBIR (subcontract)	2010	US Navy – SBIR
OpenPMF & IASM	IASM IDS & OpenPMF integration (subcontract)	2009	US Navy (SPAWAR)
VALCRI	Visual analytics for intelligence analytics	2014-2017	EU FP7
ICSI	Intelligent transport system	2013-2015	EU FP7
CRISIS	Crisis simulation & training system for first responders	2010-2013	EU FP6
SWIM-SUIT	System-wide information management using innovative technologies	2009	EU FP6
SINS Security	Policy management for SINS	2006	US Navy (NRL)
AD4	Air Traffic Control Training & Simulation Environment	2005-2006	EU FP6
COACH	Component Oriented Architecture for Telecom Apps	2002-2004	EU FP5

Experience, innovation, and track record. We can prove it.