

ObjectSecurity

The Security Automation Company

ObjectSecurity's mission is to simplify, improve and automate security for the complex, interconnected IT landscapes most organizations have to deal with today.

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



DUNS Number: 828934914
NAICS: 511210, 541511, 611420, 541519
CAGE: 6WY05
Website: <https://objectsecurity.com>
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Entity: SAM-registered small business

- Solid, growing business
- Great track record
- 18yrs bootstrapped
- Solid revenue
- San Diego based
- Employee owned + operated
- R&D + commercialization success
- Strong team + partners
- 10+ patents
- Awards, incl. Gartner "Cool Vendor"
- Innovative products & technologies



ObjectSecurity LLC
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San Diego, CA 92101

CAPABILITY STATEMENT

ObjectSecurity

Intelligent Cybersecurity Automation.



Stop security breaches.
Maximum security. Minimum effort.



ObjectSecurity

Experience and Track Record.
We Can Prove It.



Research & Development

SBIRs

- Navy: Supply Chain Risk Analysis Management Solution
- MDA: WhizRT: Simulated Intelligent Cybersecurity Red Team
- Navy: Red Team in a Box for Embedded and Non-IP Devices
- NIST: Access control policy testing
- Air Force Phase I: OpenPMF military feasibility
- Army Phase II sub. to RTI: OpenICE security for medical devices
- Air Force Phase I sub to RTI: Proximity-based access control
- Navy Phase I subcontract: RTI: more PBAC
- Navy Phase I sub. RTI: OpenPMF <=> RTI DDS
- Air Force Phase I subcontract: RTI: Network Vulnerability & IDS
- Navy Phase I sub. RTI: Bandwidth optimization
- DARPA Phase I sub. RTI: seL4 <=> OpenPMF
- SPAWAR, subcontract Promia, Inc.: OpenPMF IASM integration

Other US government R&D

- FAA security/safety R&D
- NRL OpenPMF for SINS middleware

European R&D

- FP5 COACH: secure telecom middleware
- FP6 AD4: ATC simulation/training system
- FP6 SWIM-SUIT: ATC system-wide info mgmt.
- FP6 ICSI: secure intelligent transport system
- FP7 VALCRI: police intelligence analysis
- FP7 CRISIS: crisis training system
- ESA NextGenRE: semantic requirements engineering
- EUROCONTROL: air defense and ATC integration
- UK MOD: OpenPMF, access control SOA, MDS

Sample Customers

Navy (SPAWAR, ONR, NRL), General Electric, UCI Medical, Agilent, IBM, Boeing, DARPA, Army, Air Force (AFRL), Missile Defense Agency, NIST, Smartronics, QinetiQ, UK MOD, BAA Airports, Intel, ESG, SAP AG, Royal Bank of Scotland, HP, BMVIT, Twinsoft, Deutsche Telekom, European Space Agency (ESA), Lufthansa Systems, Eurocontrol, UL VS, Promia, RTI, Hornbach, Schoenhofer, and more

objectsecurity.com/customer-success

Core Competencies

Innovative Products

Security
Automation

Security policy

Supply chain risk analysis

Ethical hacker

Vulnerability assessment

Security Policy Automation: OpenPMF helps enforce security policies: rich and dynamic policies need to be applied in many industries to restrict information flows to only what is authorized. OpenPMF's award-winning unique "security policy automation" approach allows users to author policies very intuitively. OpenPMF automatically generates the numerous detailed technical rules and configuration, by importing and analyzing information about your organization and technologies. OpenPMF supports modern access control including Attribute Based Access Control (ABAC). objectsecurity.com/openpmf

Supply Chain Risk Analysis Automation: SCRAMS helps you make sense of supply chain information you already have, but which you cannot effectively analyze for supply chain risks. Ingest information from your ERP and other sources into SCRAMS and let SCRAMS intelligently "connect the dots". You can run smart searches and automated analytics across the analyzed data, and generate actionable reports. objectsecurity.com/scrams

Ethical Hacker Automation: WhizRT automates red team and ethical hacking, including for cybersecurity training and penetration testing. It automatically executes sequences of reconnaissance and exploit actions, finding systems and vulnerabilities on the network, and exploiting them. At the core is its deep learning AI engine, which allows WhizRT to continue adapting while in operation. objectsecurity.com/whizrt

Vulnerability Assessment Automation: VAPTBOX automates software vulnerability assessment esp. of embedded systems. It automatically executes actions to access and extract binaries, run vulnerability assessments on the extracted software, and generate reports of identified vulnerabilities. VAPTbox is designed as a portable device. objectsecurity.com/vaptbox

Professional Services

Security Professional Services, R&D, solutions and training from leading security experts.

Security policy automation, esp. dynamic, contextual access control and logging policy automation, model-driven security, roadmaps, design, architecture, implementation, assessment, consulting, training, R&D

Fine-grained access control, including access control policy architecture, design, implantation, automation, review/assessment, attribute-based access control (ABAC), XACML, OpenPMF

Security information modeling and ontologies, incl. security policy metamodeling, ontologies, privacy ontologies, incident/threat/malware ontologies, attack tree analysis ontologies etc.

Artificial intelligence and cybersecurity, incl. pentesting automation, reinforcement learning, policy prediction etc.

Application, middleware, microservice, container security, including secure architecture, development, integration, assessment, technical support etc.

Information assurance accreditation automation, using model-driven security for automated generation of supporting evidence.

Cloud security, including security roadmap definition, architecture, assessment, PaaS security policy and compliance automation.

Embedded systems security, including pentesting, architecture, design, implementation, development tool/methodology security.

Enterprise information security policy, including standards assessment, risk analysis, controls selection and implementation architecture, Security Management System (SMS) development and review.

Social network platform security, including risk assessment, architecture, design, implementation, review.

Security training, tailor-made or general purpose

Contract R&D, including government funded R&D (SBIRs, and EU FPx), contract studies, emerging technology analyses etc.

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