

# OpenPMF™ Overview

OpenPMF™ solves multiple challenges with enforcing security policies to keep hackers out and prevent insider threats: rich, dynamic and adaptive security policies need to be applied consistently and reliably across the organization to restrict information flows to only what is authorized.

OpenPMF™ Security Policy Automation™ allows users to author rich, generic policies intuitively. OpenPMF™ automatically generates the numerous detailed technical rules and configuration, taking into account imported information about your organization and technologies. OpenPMF™ supports modern access control such as Attribute Based Access Control (ABAC).

OpenPMF™ Security Policy Auditor™ gives you consolidated, reliable visibility into your technical security policies. It provides guidance where to focus your cybersecurity efforts, and helps you test and document cybersecurity for audit & compliance.

[objectsecurity.com/openpmf](https://objectsecurity.com/openpmf)

# 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.



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

**DUNS Number:** 828934914  
**NAICS:** 511210, 541511, 611420, 541519  
**CAGE:** 6WY05  
**Website:** <https://objectsecurity.com>  
**Email:** [info@objectsecurity.com](mailto:info@objectsecurity.com)  
**Phone:** (650) 515-3391  
**Entity:** SAM-registered small business

**ObjectSecurity LLC**  
**1855 1<sup>st</sup> Ave #103**  
**San Diego, CA 92101**

v2.0

# OVERVIEW

## OpenPMF™ 4.0

# Security Policy Automation

**Maximum security.  
Minimum effort.**

- ✓ Enforce powerful technical security policies that are easy to author and maintain.
- ✓ Test security policies before technical enforcement, because you don't know what you don't know.
- ✓ Deployable as physical/virtual appliance or cloud
- ✓ Free cloud and on-premises trials available



[objectsecurity.com/openpmf](https://objectsecurity.com/openpmf)

# OpenPMF™

reduces risk/costs,  
improves security & compliance,  
and enables smarter business.



## Solution

OpenPMF™ Security Policy Automation™ stops security breaches with powerful policy enforcement, and makes security policy manageable through automation. OpenPMF™ is the “umbrella” platform for security policy management. It allows organizations to implement rich policies with consistency – organization-wide “in depth” across many technologies and layers. It lets you do this in a way that is easy to implement, manage, audit.

OpenPMF™ Security Policy Auditor™ makes security policies easier to understand, test, document, and audit.

## Award-winning innovation

ObjectSecurity won numerous awards for OpenPMF, including being selected “Cool Vendor” by Gartner. ObjectSecurity’s founders who are world-renowned thought-leaders and innovators who developed OpenPMF™ over 10+ years. ObjectSecurity holds 10+ patents for OpenPMF. OpenPMF™ has been used in larger-scale deployments.

## Flexible choices - virtual, physical, cloud

OpenPMF™ is available as a virtual/physical appliance or as a cloud service. Specific features can be added using OpenPMF’s built-in marketplace.

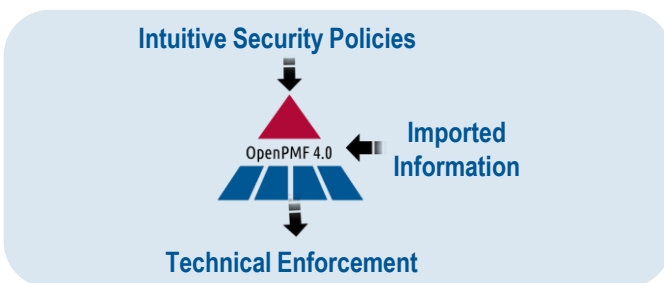
The full-fledged OpenPMF™ Security Policy Automation product includes the Security Policy Auditor, while the Security Policy Auditor is a lower-cost alternative for users who only want to test policies.

# OpenPMF™ Overview

## OpenPMF™ Security Policy Automation™

OpenPMF™’s award-winning unique “security policy automation” approach allows users to author very policies intuitively and in generic terms. 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 such as Attribute Based Access Control (ABAC).

- 1 **Import information:** Import information about your organization, including systems, applications, data flows, users, alerts etc.
- 2 **Import security policies:** Import your existing technical security policies as a baseline, for example access control configurations
- 3 **Author security policies:** Author security policies that are intuitive, generic, rich, and customizable
- 4 **Generate technical enforcement:** Generate technical enforcement rules & configurations, for example access control
- 5 **Test & document policies:** Test policies using formal testing methods, and document for audit & compliance reporting
- 6 **Enforce consistent “defense in depth”:** Enforce consistent “defense in depth” across your IT via OpenPMF’s enforcement and exporters into third-party security features/tools
- 7 **Monitor:** Monitor policy enforcement alerts centrally to help policy management & remediation
- 8 **Update & customize:** Update technical enforcement automatically if your IT changes, and customize OpenPMF



## OpenPMF™ Security Policy Auditor™

OpenPMF™ Security Policy Auditor™ imports information and policies, automatically tests using formal methods. It gives you consolidated visibility into your technical security policies. It provides guidance where to focus your cybersecurity efforts - including subsequent technical security policy implementations - and helps you test and document cybersecurity for audit & compliance.

OpenPMF™ Security Policy Auditor automatically analyzes information about your technical security policies and IT environments – using OpenPMF’s proven security policy automation and formal testing based on scientific work done by the National Institute of Standards and Technology (NIST), and subsequently extended and commercialized by ObjectSecurity® as part of an NIST-funded SBIR.

- 1 **Import information**  
Import policies and information about your networks, systems, users, applications, identity and access management systems etc.
- 2 **Author test requirements**  
Intuitively author your audit & test requirements against the imported information using formal methods.
- 3 **Test & audit security policies**  
Automatically verify your test requirements against the imported information using formal methods.
- 4 **Visualize & document results**  
Intuitively visualize test results and create documentation.

