

Model driven security helps simplify IT security management

In many larger organisations, the administrative overhead of IT security management increases dramatically over time, because more and more different networked applications need to share information securely, while allowing for rapid reconfigurability (agility) as organisations respond to business changes. This is particularly relevant for IT infrastructure that is based on Service Oriented Architecture (SOA), an approach that promises agility and technology reuse. For example, will security administrators need to manually update the security policy whenever the IT environment gets reconfigured? And will they have to express their security policy requirements in many different, proprietary ways for the many different deployed IT systems?

To solve this problem, ObjectSecurity™ developed OpenPMF™ 2.0, an innovative Security Management Ecosystem™ that simplifies security policy administration for such complex IT environments. The particular value of the software lies in the business-centric, centralised security policy management and the automatic security enforcement across the entire IT environment. OpenPMF™ ensures that security management across the entire organisation speaks the same consistent language. It simplifies enterprise security management by reducing redundant administration, improving policy compliance and enabling agility. The business benefits include cost-saving, improved security, increased agility, and avoiding vendor lock-in.

OpenPMF™ 2.0 is based on an innovative concept called "Model Driven Security", which allows the intuitive, business-centric specification of security requirements and the automatic generation of enforceable securities policies. It allows security teams to:

- Specify security intent as graphical, intuitive models (in the Eclipse open source IDE)
- Generate enforceable security policies automatically
- Protect applications automatically and reliably
- Monitor policy compliance in the central manager

- Maintain security for agile SOA with low effort (OpenPMF™ TrustedSOA™)
- Develop secure software with minimal effort (OpenPMF™ SecureMDA™)

The patent-pending technology that is based on 9 years of solid research of customer requirements and technical R&D by leading distributed systems experts at ObjectSecurity and University of Cambridge - it is a thoroughly thought-through solution on the market.

www.objectsecurity.com
www.openpmf.com
www.modeldrivensecurity.org
- Dr. Ulrich Lang, CEO,
ObjectSecurity Ltd.

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