

Security for the Financial Sector

Regulatory compliance and manageable information security for the finance industry

Complex, Stove-Piped IT landscapes

Financial organizations today manage a complex, large, interconnected IT landscape that have evolved over decades and are hard to disentangle, administer and update. This is a major challenge. Many efforts are currently undertaken to design and build a common architectural standard for a joint-up, agile business-driven technology architecture. Service Oriented Architectures (SOAs), process-centric architectures (BPM), as well as data-centric architectures (e.g. DDS) are all being deployed alongside more traditional application integration platforms such as JavaEE, JMS, CORBA/CCM.

Regulatory Compliance and Customer Trust

The finance industry has to deal with an ever-increasing security-related regulatory burden (e.g. Sarbanes-Oxley and PCI) and a need to govern and audit information flows. Strong security needs to be demonstratively implemented across a highly complex, interconnected IT landscape that comprises many stakeholders, many legacy systems, and frequent system changes. Cost-effective, agile, low-risk security policy management is a critical aspect in the overall picture.

Business-Driven Compliance Management

The business should drive the compliance requirements, and the IT landscape should reflect these requirements. However, many organizations today resort to a part-solution by producing and signing off compliance and best practice documentation, while there is little traceable correspondence to the actual IT landscape and operations. Moreover, incident monitoring is typically done rather ineffectively (e.g. solely on the network layer), which results in incorrect or late responses to security incidents.

Security requirements should be expressed close to business thinking, and – using ObjectSecurity OpenPMF

– should be traceably enforced across the IT landscape at run-time, and monitoring should be across all layers.

ObjectSecurity OpenPMF can help you manage security better for new Service Oriented Architectures (SOAs) and process-centric / data-centric architectures, which can all be deployed alongside more traditional application integration platforms such as JavaEE, JMS, CORBA/CCM.

ObjectSecurity can also help migrate their CORBA based legacy deployments to MICO CORBA, a mature, robust, secure and manageable open source alternative. The cost-savings are significant.



ObjectSecurity OpenPMF lets you intuitively select business-centric security & compliance policies, which are then automatically enforced across your IT landscape (using a "model-driven security" approach). You can conveniently manage your policies at run-time, and even change your software applications and workflows without extra administration. OpenPMF reduces costs, improves security, and enables agility. Available as a packaged product and as an integrated turn-key solution.

Products & Services

- OpenPMF (packaged product & turn-key solution)
- SimulateWorld 4D synthetic environment toolkit
- SecureMiddleware: secure open source middleware
- Services: security policy management, Web 2.0 / SOA / Cloud / SaaS Security, middleware security, training workshop, tech. support, R&D
- Studies: in-depth documents about hot topics in security, e.g. model-driven security & SOA

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