

PTA Security Libraries

PTA plug-in data repositories enable preparation of security entities checklists that comply with information security standards such as ISO 17799, BS 7799 ISO27001 and the like. Security consultants and analysts as well as solutions providers can build up libraries with relevant subsets of vulnerabilities, threats, countermeasures and assets that best suit their security management conventions.

Domain specific security checklists

Domain-specific libraries contain predefined security entities such as assets, vulnerabilities, threats and countermeasures that specifically match telecom billing applications developed using Microsoft .Net platform.

Support customized security audit methodologies

Entity libraries can be customized and reused across projects. Customized libraries save the burden of re-entering common entities when building application-specific threat models.

Predefined entity libraries, specific to different platforms, environments, application types and architectures can be easily prepared - for example libraries for Web applications, Linux/Microsoft, SQL/Oracle, banking, telecom and healthcare.

Free program for students and researchers

PTA is free of charge for students, researchers, developers and independent security consultants. Our goal is to enhance the source base of PTA libraries and make it available to the wide community of software engineers and software security analysts. For more information on our education and research program initiative please contact Marina at sales@ptatechnologies.com.

Compliance with software security standards such as ISO 17799 and BS 7799

PTA libraries enable preparation of security entities checklists that comply with information security standards such as ISO 17799 and BS 7799. Analyst and consultants can build up relevant subsets of vulnerabilities, threats, countermeasures and assets that best suit their organization's conventions and audit methodology. Check our web site at www.ptatechnologies.com for updated list of available libraries.

Customized libraries for integration with manufacturers and solution providers

Customized libraries for integration with security services and solutions providers
Security analysts and solutions providers can build relevant subsets of vulnerabilities, threats, countermeasures and assets that best suit their customers and products. Read more on Integrating PTA with Security Products and Services. The following security entity libraries are now assembled and can be provided as part of our OEM private labeling offering:

Application Domains

- e-Commerce
- Banking
- Healthcare and Medical
- Interactive TV
- T-Commerce
- Call Accounting
- Telecom
- Enterprise Portal
- Manufacturing Systems
- Mobile
- Community Web Portal

Software Platforms

- Microsoft Servers & Workstations
- Sun Solaris/Unix
- Linux
- Data Centers
- DotNet
- SharePoint
- BizTalk 2004
- SQL Server 2000
- Oracle 8x/9x
- IIS/Apache
- Exchange 2000/2003
- NDS iADK
- OpenTV
- Networking
- Symbian/Microsoft Smart Phone

Build your own security checklists of assets, vulnerabilities, threats and countermeasures

PTA is intended for the use of professional analysts and security consultants. The plug-in libraries mechanism provides PTA users with an open and flexible platform that can be easily adapted to the specific needs of their clients without our intervention or consent.

The preparation of a library is straightforward – all you have to do is enter the desired security entities into a PTA threat model and then save it as a library (a thl file). PTA organizes the various entities in a standalone checklist that can be easily integrated into new or existing analysis projects using the Load from Library tool. You have full control on the nature and the contents of the libraries - they can contain entities that reflect your specific best practices and knowledge as well as partial or full editions of industry standards.