

PTA for Security Consultants and Solution Providers

PTA technology is comprised of a unique data model and a set of well defined calculative methods. PTA enables you to assess risk levels and provides quantitative prioritized countermeasures. The software infrastructure was designed in a modular way that easily enables customizing its various elements. PTA technology can be integrated with other security products and services to provide superior security management solutions.

The PTA software technology infrastructure is comprised of the following modules:

- **Quantitative threat model database.** The scheme of the database can be easily customized to include additional entity types. For example audit steps, topology layouts, operative parameters etc. There is no limit to the number of entities and interrelations between them in the model.
- **Data input interfaces.** Enables automatic input of entities data and parameters from a variety of external sources e.g. vulnerability scanners, real-time security analyzers, network appliances etc.
- **PTA calculative engine.** The calculative methods can be easily adapted to a variety of application domains. For example the financial values of assets can be expressed according to localized formulas, the severity of threats can have mnemonic descriptions etc.
- **Entity libraries.** The technology plug-in data repositories enable preparation of security entities check lists that comply with information security standards such as ISO 17799 and bs7799. Security equipment manufacturers and solution providers can build relevant subsets of vulnerabilities, threats, countermeasures and assets that best suit their security management conventions.
- **User interface layer.** Can be customized and adapted to specific needs.
- **Reporting subsystem.** Provides maximal flexibility in customizing reports and allows almost any type of cross-section tabular queries, analysis, display views and graphs.
- **Lightweight installation.** Facilitate distribution, deployment and repackaging with existing products.

Cooperation with Partners. PTA Technologies is actively pursuing cooperation with consultants and solution providers as follows:

1. PTA Partner Plan for security consulting firms that enables small to medium size consulting companies to use PTA Professional Edition platform in their risk analysis missions.
2. PTA technology integrated with OEM security products and services.
3. Professional Development Services for customizing PTA according to large scale enterprise needs.