

## Our analysis framework for 2007

In 2007, we are characterizing the information protection space according to the framework we are now using for our security metrics. This framework uses a fault and coverage model based on the CISO ToolKit. It adds measurement of program objectives and progress to the content already in place to allow a systematic approach to understanding and analyzing the protection situation in an enterprise.

The framework is shown here as a table with the organizational perspectives listed across the top and the operational level in rows.

- The **Create/Specify** level identifies products and services that help executives specify and assure the existence of the overall protection program and its elements.
- The **Manage** level identifies the day-to-day management of the protection program, its people, and its processes.
- The **Process** level identifies the processes in place to support and assure the execution of the program and its elements.
- The **Execute** level identifies the protective measures that directly contact the enterprise content and assure its ongoing utility.

The vertical areas deal with the organizational perspectives and business process areas required in order to build an effective protection program for an organization. The colors separate the business functions (policy, standards, procedures, HR, Legal, and risk management) from operations (testing, change control, physical and informational technical safeguards, and incident handling), from assurance processes (audit, knowledge and awareness efforts, and documentation).

Area	Policy Standards Procedures	HR	Legal	Risk	Testing & Change Control	Technical Safeguards Physical Information	Incidents	Audit	Knowledge and Awareness	Document
<b>Create / Specify</b>										
<b>Manage</b>										
<b>Process</b>										
<b>Execute</b>										

**Framework for security metrics and analysis**

**Conflict of interest disclosure:** Fred Cohen & Associates works predominantly at the Create/Specify level and thus our analysis is potentially tainted in our views of that area. We develop and supply tools to our clients in this part of the space as part of our service.