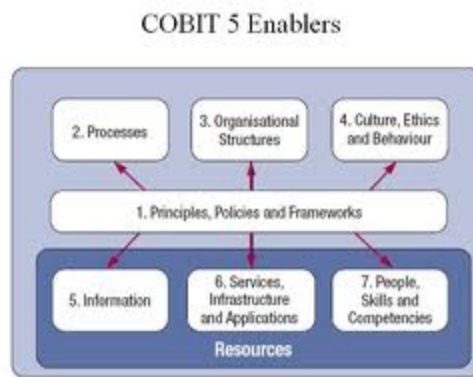


Information Security

A COBIT-5 Solution

Information is key in Information Age. While most of the IT is focused on adding more infrastructure and develop more services to secure their most valuable Information Assets, COBIT-5 provides an end-to-end, single framework with holistic approach to deliver value.

At the center of Information Security is Information itself. A significant portion of Information Security is achieved if we govern our Information Assets vigilantly. COBIT-5 treats information as one of its seven enablers and encourages you to adopt a systematic approach towards identifying stakeholder information needs, achieving information quality, adopting an information-Lifecycle and best practices in managing information. COBIT-5 also requires you to monitor Lag and Lead indicators continuously to ensure that stakeholder needs are met and information goals are achieved. It is also recommended to have Information Security Strategy, Plan, Budget, Policies, Requirements, Review Reports, Risk Profile, and a Dashboard to Monitor Information Processing. Last but not least, a properly worked-out awareness material both for internal and external stakeholders.



Think you are done and need to buy more security systems, not really. You need to select proper security standards and models, define and document Information Security Policies, Procedures and Requirements. Adopt a continual Improvement process and manage programs/projects and change in that environment.

Next focus on Information Security Organization Structure, with Chief Information Security Officer (CISO), A Security Steering Committee, A Security Manager and other related roles. For this you need skilled and competent people. Those who have experience with selected frameworks, understand policies, can develop security architecture, and manage risks with day to day operations, assessment and compliance. Cultural and Ethical issues might appear obvious but they need to be worked on carefully. Documenting procedures was important but they need to be embedded in daily operations. People must understand and respect Principles and Policies. Once understanding is developed, proper accountability must follow.

Now you are ready for some Infrastructure and Service Development. Focus on Secure Development of Services, proper Security Assessment, adequately secured configuration and deployment, access control, protection against attacks and intrusions, monitoring, alerts and efficient incident response.

This information is based on COBIT-5 Security Implementation Guide. Full version is on payment and an overview version is available free [here](#).