



IT Assurance Services

Keeping pace with industry evolution and emerging technology risks

The fourth industrial revolution has heralded new technologies and initiatives such as mobile commerce, cloud computing, Internet of Things, and Robotic Process Automation, amongst others. Legacy software and IT internal controls established in the past will become irrelevant or inadequate if they are not updated.

New risks that arise from the introduction of new IT and digital operations and processes could lead to an incomplete picture of the true IT landscape of the organization and linkages with external organizations. As organizations progress towards leveraging new technologies, are they prepared to deal with technology risks such as phishing, malware, and Advance Persistent Threats? Are they equipped to establish robust governance management around new digital technologies such as Intelligent Automation, Blockchain, mobile commerce, and cloud computing?

Professionals skills and leadership experience will continue to remain critical to ensure that the environments can remain robust and resilient against external and internal threats.

How we can help

Navigate Evolving IT Risks

Our collective knowledge and experience advising commercial organizations and governments offers an accelerated view of the evolving technologies and related IT Risks, and the ability to establish risk controls from the beginning to avoid pitfalls.

Provide Insights

Our multi-perspective approach can help your organization to identify potential gaps in your IT operations and activities.

Risk prioritization and audit planning

We can assist with assessing your risks from a business, strategic and operational perspective; prioritizing key risks threatening your objectives; and developing an IT Internal Audit Plan for an appropriate and systematic coverage.

Why KPMG?

Our diverse and high-performing team is committed to providing clients with well-balanced, feasible and effective recommendations to your organization's specific challenges. We take pride in our work and engage in deep root cause analysis to ensure that we not only identify IT symptoms but holistically cover the people, process and technology related issues.

We leverage industry best practices and provide customized IT Audits to assist your organization with:

- **General IT Controls:** Access controls, program development and changes, and computer operations.
- **IT Operations Review:** Organization and administration and personnel controls, change management, problem management, incident management, patch management, network management, backup and recovery management.
- **IT Governance Review:** IT Steering or Audit Committee oversight, and senior IT management and their reporting to oversight committee.
- **Application Controls Review:** Perform detailed walkthroughs to assess the key risks associated with system functionalities, and evaluate the adequacy of automated and/or manual internal controls over the key risks.

- **Application Access Review:** Utilize tools to assess for appropriateness of application access rights granted to users/segregation of conflicting duties within information system or across multiple information systems.
- **Integrated Audit:** Evaluate the adequacy of automated and/or manual internal controls over the key risks.

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