



Technology risk intelligence

Uncover opportunities by interpreting risk through advanced analytics

Your existing data is a powerful asset that can be harnessed to determine where to cut costs, increase efficiencies, and limit exposure.

Finding the value in your data

When your data is filtered through the right tools and methodologies, it can enable you to capture those insights that can streamline risk management and present new opportunities. KPMG Technology Risk Intelligence can provide you with that net to help you capture and visualize the valuable data that is right at your fingertips.

A new view of risk leads to opportunities

Combining leading subject matter professionals, risk intelligence methodologies, and a technology-based enablement platform, the KPMG Technology Risk Intelligence solution provides organizations with the tools they need to shape your data into usable and digestible output and paint a clear, in-depth picture of those technology risks that may adversely affect their businesses.

By leveraging emerging technologies like artificial intelligence, intelligent automation, advanced modeling capabilities, and natural language processing, we offer companies the unique ability to see potential risks in a way they can be understood: in financial terms.

The KPMG Tech Risk Intelligence platform

KPMG Tech Risk Intelligence is a core part of our solution. Designed by a diverse team of specialists across technology, risk, insurance, data science, economics, and accounting, the platform can offer an extensive current view and forward-looking perspective of your company's technology risk exposure. The platform is backed by our team of experienced Technology Risk Intelligence professionals, who continue to help organizations glean insight into the data output and interpret the findings to help drive success.

KPMG Tech Risk Intelligence Filter

KPMG Tech Risk Intelligence can filter out extraneous data and leave you with the valuable insights that matter.



Inherent potential loss

- Retrieve operating income by business unit
- Obtain IT risk universe utilized by the organization
- Retrieve impact and likelihood factors
- Derive the inherent expected loss normalized



Residual expected loss

- Analyze the inherent and residual expected losses
- Normalize results across the portfolio to determine dollars at risk for each pair of attributes



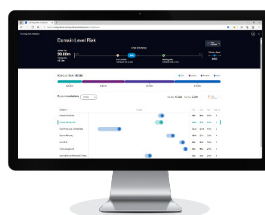
Management effectiveness

- Retrieve and assign controls to risk events
- Controls associated with risk events are unique to each risk event
- Apply management effectiveness factor to determine overall residual risk



Optimization

- Determine the state of residual expected loss along the remediation effort curve
- Simulate across the normalized portfolio where the best tangible enhancement exists



How it works

The interactive interface of the KPMG Tech Risk Intelligence platform is built on three main components—a Quantifier, an Optimizer, and an Explorer. It’s the combination of these components that can provide powerful transparency into your company’s risk profile and recommend the optimal actions to take:

- **The Quantifier** is the engine. It ingests your available data such as threats, risks, controls, and financials to correlate and quantify which areas of technology and cyber risk across your organization’s asset spectrum may pose the greatest financial risk.
- **The Optimizer** simulates investment to present a view on which specific risks and corresponding controls should be addressed in order to achieve your desired risk appetite—the Risk Leverage Ratio.
- **The Explorer** is designed to visualize your organization’s entire technology risk exposure and trace it down to the control and asset level.

Turn risk into opportunity at any level of maturity

KPMG Technology Risk Intelligence can provide measured clarity to the uncertain world of technology and cyber risk if you already possess advanced automated capabilities, or if you are just starting the technology and cyber risk journey. Let us show you a new approach.

The first step to achieving greater risk clarity is determining your risk quantification strategy. Answering these key questions will help us work with you to determine the best approach for your organization:

- Are you comfortable that your risk decisions are addressing the areas of highest risk?
- How well integrated is your risk program with the business and other support functions?
- How does your risk measurement program impact risk culture and influence behavioral changes?
- How well does your program provide proactive and actionable risk guidance to business and technology owners?

Contact us

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