



Forensic Services

Forensic Data Analytics

www.pwc.cz

Are your preventive measures sufficient to protect against employee fraud?

Are you able to detect incidents that already occurred, minimise their cost to the company and prevent the fraud scheme from happening again?

Are you able to overcome data quality challenges resulting from lack of input controls or inefficient system migrations?

60% of organisations that were victims of economic crime reported falling prey to asset misappropriation and 50% reported accounting / financial statement-related incidents.

The percentage of internal perpetrators increased from 40% in 2007 to 50% in 2009.

Results of Global Economic Crime Survey in the Czech Republic

What data can be relevant for the investigation?

What systems are you using? Where do your employees have access?

How do you communicate? Where is your data archived?

PwC possesses powerful tools to rapidly identify and extract the information associated with a business risk, and subsequently map the data to the owner or custodian, geographic region or business process from various sources:

- servers and network storage devices
- backups
- user desktops and laptops
- corporate information systems

Then it's time to make the data work for you, so we need to overcome data quality challenges:

- the increasing volume and aggregation of data
- greater prevalence of system integrations and migrations
- rising trend in mergers and acquisitions

All of above leads to complex data quality challenges. PwC employs advanced data cleansing and enriching processes to rapidly detect and resolve data format and quality issues such as inconsistent naming conventions, business rule violations and data entry errors.



When the possible issues have been dealt with, we can finally start to identify potential fraud, corruption and conflicts of interest.

PwC's data gathering techniques encompass the majority of existing platforms. Captured data, merged with our configurable algorithms, is used to identify potential fraud, corruption and conflicts of interest among an organisation's vendors, employees, customers and agents by exposing links between seemingly unrelated parties.

And yes, more can be done – let's identify potential high risk transactions!

Our tools facilitate the capture of disparate transactional data and, through the use of customisable matching and pattern detection algorithms, allow an investigator to:

- review data from a company's key systems to identify transactions with a higher risk profile
- perform both proactive and reactive risk assessments to uncover trends, patterns and other information of interest
- test whether a control weakness has resulted in an actual control failure

Where the story ends – presentation to end-users

The outcomes need to be prepared and presented in a way understandable to the end-users. We offer a wide range of data presentation tools from simple tabular format to sophisticated graphical displays. Our team works closely with the client in order to determine the most appropriate way of reporting.

How we can help?

With our skills, tools and experience, we can help you to

- investigate suspected fraud
- investigate compliance with competition, anti-corruption and other applicable regulations
- look for corruption or collusion
- address whistle-blower allegations
- extract financial and structured enterprise data to comply with litigation or regulatory disclosure
- verify or dispute creditor claims (or perform other claims management)
- look for patterns, trends and anomalous transactions

Who we are?

The PwC CEE Forensic Technology Solutions team is a group of dedicated professionals with experience from many local and international assignments in a wide range of industries.

Our state of the art technology and tools are always at your disposal.

We understand the needs of data security and legal limitations concerning the protection of personal data. We can therefore help you design the most convenient solution while respecting your legal environment.

Our goal is to serve as your investigative, forensic accounting and compliance resource anytime you have an incident or a concern, anywhere in the world.

***For more information
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