Visualization of Automated Compliance Monitoring and Reporting

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Abstract:

Compliance management is a critical financial and legal subject for organizations. It is operationally implemented by embedding internal controls into business processes and their supporting IT systems. Challenges arise from the complexity of real-life processes and systems, their continuous monitoring and the timely communication of thereby detected problems. In order to realize effective and efficient monitoring, the responsible persons must be supported by suitable compliance software. This compliance software should enable the responsible persons to get both high-level information regarding the overall compliance status and low-level information regarding possible problems. Furthermore, it should not be limited to passive reporting components for compliance management, but also allow for interactive user interfaces, which facilitate the proactive supervision of tasks. The aim of this work is to encourage the responsible persons to analyze and explore compliance information through their appropriate visualization. Thus, unique and valuable human strengths, such as lateral thinking, can be used aside from the computational strengths of compliance software during control monitoring.