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# RPA risk management



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# Risk Management throughout the Robotics Process Automation (RPA) lifecycle



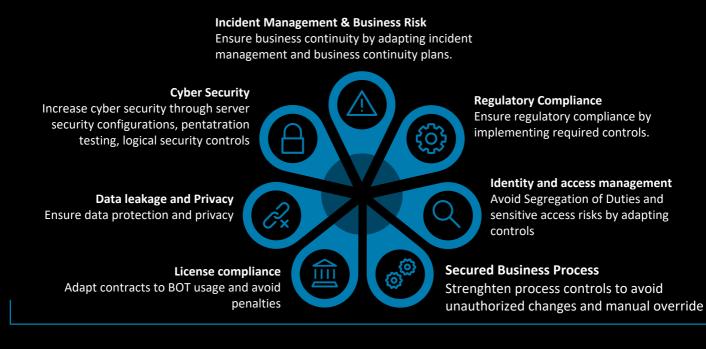
### Deloitte can help you manage the RPA related risks

The implementation and use of RPA brings along some important risks to consider. These risks contain both risks inherent to RPA, as well as risks related to the business processes it automates. Deloitte can help you manage these risks.

Cyber Risk	Unauthorized change	Software licensing
BOTs increase the integration of applications and therefore increase the level of cyber threat.	Automation through RPA requires aligning control design to mitigate the risk of manual override or unauthorized changes.	Generic BOT ID often poses risk of non-compliance to software licenses due to potential indirect usage.
Access Risks	Incidents	Security breach detection
BOTs can store and accumulate excessive accesses, which may create data, security, privacy and	BOTs deliver high processing capability. A delayed response to cyber incidents my lead to	Detection of security breaches may be challenging when they occurred through the use of BOTs.
fraud risks.	inappropriate processing of a high volume of transactions.	

Technology	People	Operational	Continuity
Strategic	Cyber	Regulatory	Financial

The Deloitte RPA Risk and Control framework can help your organization with the implementation of RPA solutions in a secure, compliant and manageable way by making your company's IT Governance and Risk framework RPA ready.



## **Getting started with RPA**

Just getting started with RPA? We can provide information on the risks an organization needs to address to be RPA ready. We do this by assessing the current and desired levels of RPA maturity. We then perform a risk and gap assessment to establish the as-is RPA maturity level.

Based on the as-is maturity level we report your RPA readiness in three main domains: people, processes and technology. The readiness assessment will be the input to establish an RPA/automation strategy.



#### **Readiness assessed**

**RPA Risk** Strategy & Benchmarking To determine the RPA strategy, it is crucial to have an objective source of information comparing the current maturity level to similar organizations in the market. Using comparative RPA Risk studies in combination with the risks and opportunities identified during the readiness assessment, we help your organization in the development of the automation strategy.

#### **Strategy defined**

Find out how your organization can leverage the power of RPA. The Technology and digital risk team offers the opportunity to brainstorm about the roles and risks of RPA within your organization together with our experts in the field. We will discuss your business and processes and identify potential RPA related risks. We will then help you develop a risk control framework and look for program and project investments which can create value within your organization by using this framework.

**RPA Process** 



**RPA Audit** 

#### **Processes developed**

When your RPA processes have been implemented, there are still a great deal of risks to overcome. These can range from IT and cyber security as well as compliance and ethics. We can help you gain assurance over the implemented IT and business cycle controls with relation to RPA. We assess controls related to identity and access management, change management, data integrity, IT operations & processes and business continuity. Based on this assessment we provide recommendations to improve your RPA control framework to increase the level of RPA maturity within your organization.

**High RPA maturity** 

### Contact



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