


PwC Cybersecurity provides proven skills and expertise

PwC provides a variety of cloud related offerings, covering the whole journey to the cloud. However, to get the most out of the cloud transformation, the process should start ahead of any technology implementation.

Cloud adoption has a big impact on how IT departments define services; how these services are delivered; the re-skilling of the existing workforce; the definition, monitoring and management of SLAs and contracts; and the adoption of common practices and standards in processes. Therefore, IT organisations should focus initially on governance, people and process capabilities and then on technology capabilities. In addition, preparing a cloud governance framework and understanding the security, data protection and compliance requirements are key elements of the change.

If these practices are not adequately and strongly handled, no matter which cloud platform is chosen, the selected solution will not deliver the value aimed for.

Cloud computing is a paradigm that will change business models, processes and IT.



What you can do?

If you are interested and want to learn about our cloud, security strategy and transformation services as well as more about further PwC Cybersecurity capabilities, please contact us or visit www.pwc.ch/cybersecurity.

In engaging an experienced partner using a proven decision and control framework, organisations can avoid unnecessary costs or delays in implementation.



www.pwc.ch/cybersecurity



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Cloud Computing – From Vision to Successful Execution

Cloud governance framework to successfully help your organisation transfer to the Microsoft Cloud



The journey to the cloud – from vision to successful execution

Cloud computing technologies can only be deployed straight out of the box in very few cases. In addition to operational and technological decisions, a review of an organisation’s readiness, policies, processes, services and metrics is required first.

The evolution of computing represents a tremendous opportunity for many organisations, because they can reduce or eliminate the need to manage the server-based technologies that underlie their business processes; cloud computing also provides ways to reduce costs, be more agile in adjusting to rapidly changing business needs, and to deploy and track resources in a more efficient manner.



Any new offering, including cloud computing, involves a certain degree of technology, business and operational risk. Organisations need to identify these risks in advance, map risk management methods and then make the decision whether the cloud path is one they want to follow. It is more important to take strategic decisions rather than operational decisions.

Using a structured approach, the following five steps are required:

- Understand strategic intent
- Define the requirements
- Verify the claims
- Assess involved risks
- Decide, plan and build the solution

We help you to address your concerns

“ What does cloud mean to my security posture? ”



“ We started our journey to the cloud after we signed our first cloud contract – and we never fully caught up! ”



“ Who can help me with the legal questions? ”



“ End users have much more influence and power over how the cloud is adopted; IT is not in full control anymore. ”



“ How can I remain compliant? ”



“ Many mistakes were made at the beginning! ”

“ How can I prevent data leakage? ”



Security assessment framework for evaluation, aligned with PwC Cybersecurity maturity framework

Microsoft SAFE

Understand Strategic Intent

Lay out the strategic intent and options
Organisation internal and external content
Agree assurance objectives



Define Requirements

Identify relevant compliance requirements
Identify functional requirements



Verify Claims

Confirm 3rd party certification and evaluations
Validate security functions and controls



Assess Risk

Domain based risk assessment
Threat specific risk assessment
Treat residual risks



Decide and Plan

Assess overall assurance rating
Plan for deployment and operations SLA and KPI monitoring
Hybrid security operations centre design



PwC Cloud Maturity Offerings

Cloud Strategy and Governance

Understand and challenge the client needs, strategy and status quo. Highlight the current capabilities of cloud solutions and service models, helping clients develop a dream big picture.

Selection of possible activities:

- Review business and IT vision
- Review and revise strategy
- Analyse business drivers and economics
- Cloud readiness and risk assessment

Feasibility and Requirements

Leading the client through an ideation and innovation process to identify scenarios that produce valuable opportunities to grow the business.

Selection of possible activities:

- Requirements assessment and gap analysis
- Regulatory compliance check
- Cloud strategy and governance model
- Data governance assessment
- Cloud service provider suitability matrix
- Vendor and 3rd party management
- Cloud sourcing and management strategy
- Shadow cloud assessment
- Data protection and cross border data transfer assessment
- Cloud service provider selection due-diligence assessment

Note: Assessments are part of the framework of independent offerings to assess and report producing valuable information for decisions.

Plan and Proof of Concept

Create a plan for the cloud transition addressing viable architecture options evaluated against the programme charter around the prioritised business scenario.

Selection of possible activities:

- Vision/scope verification
- Solution assurance validation
- Business Impact Analysis (BIA)
- Project management and operation
- SLA and KPI monitoring
- Hybrid security operations centre design