

The logo features the word "Stellium" in white, "CloudGovernance" in blue and white, and "Microsoft Azure & O365" in white. It is framed by four L-shaped corner brackets: white on the top-left and bottom-right, and blue on the top-right and bottom-left.

Stellium

CloudGovernance

Microsoft Azure & O365

- About Stellium
- Definition of Cloud Governance
- Why / What / Who
- Methodology and action plan



AboutStellium



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Founded in Switzerland in 2020, with the ambition of being a real differentiator in tailored IT Consulting, **Stellium** expanded quickly.

Our presence



In 2021, new offices opened in **Portugal**, bringing more capacity and flexibility to our offering, as well as competitive rates to the market.



Observe

Understand your business and identify areas of improvement.



Chart

Analyze and conceptualise solutions that take your business further.



Launch

Implement high quality solutions that take you where you want to go.



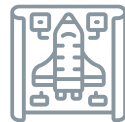
Discover



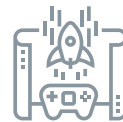
Analyze



Identify



Design



Simulate



Forecast



Ignite



Control



Land

Our consultants support the organizations in their digitalization journey by **discovering, designing and implementing** innovative IT solutions and architectures.



Digital Strategy

Our digitalisation strategy supports you at every steps of the journey

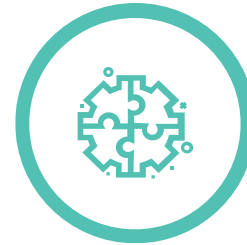
- Cloud Platforms Governance
- Employee Experience
- Technology Innovation
- Cloud Adoption



Identity & Security

Protects your digital assets anywhere, anytime

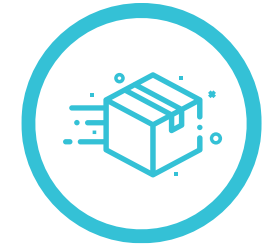
- Federated Identity & SSO
- Identity & Data Protection
- Device Management
- Access Policies



Tailored Integrations

We connect your applications to automate your processes and accelerate your business.

- Custom Applications
- Process Automation
- API Management
- Artificial Intelligence



DevOps & Automation

Complete DevOps approach. Always with an "automate everything" approach.

- Solution Lifecycle
- Infrastructure as Code
- Automated Testing
- Automation State Configuration

Our



Gold Cloud Platform
Gold Data Platform
Gold Windows and Devices
Silver Communications
Silver Application Integration
Silver Application Development
Silver Project and Portfolio Management



Stellium is a **GOLD** Microsoft Partner in Switzerland, with strong competencies in the following technical areas.



Cloud Platform



Cloud Productivity



Application Development



Security



DevOps



Power Platform

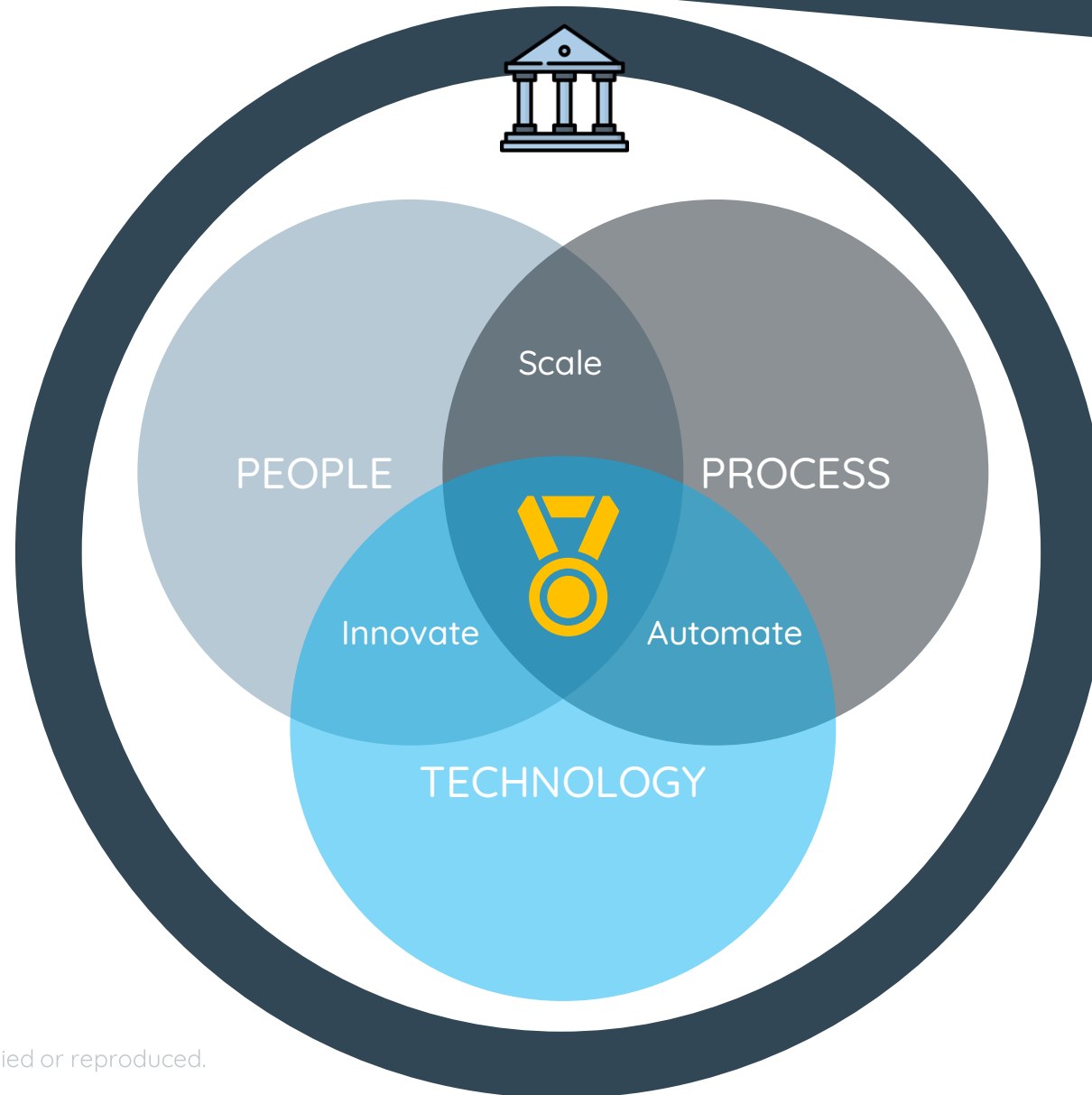
CloudGovernance



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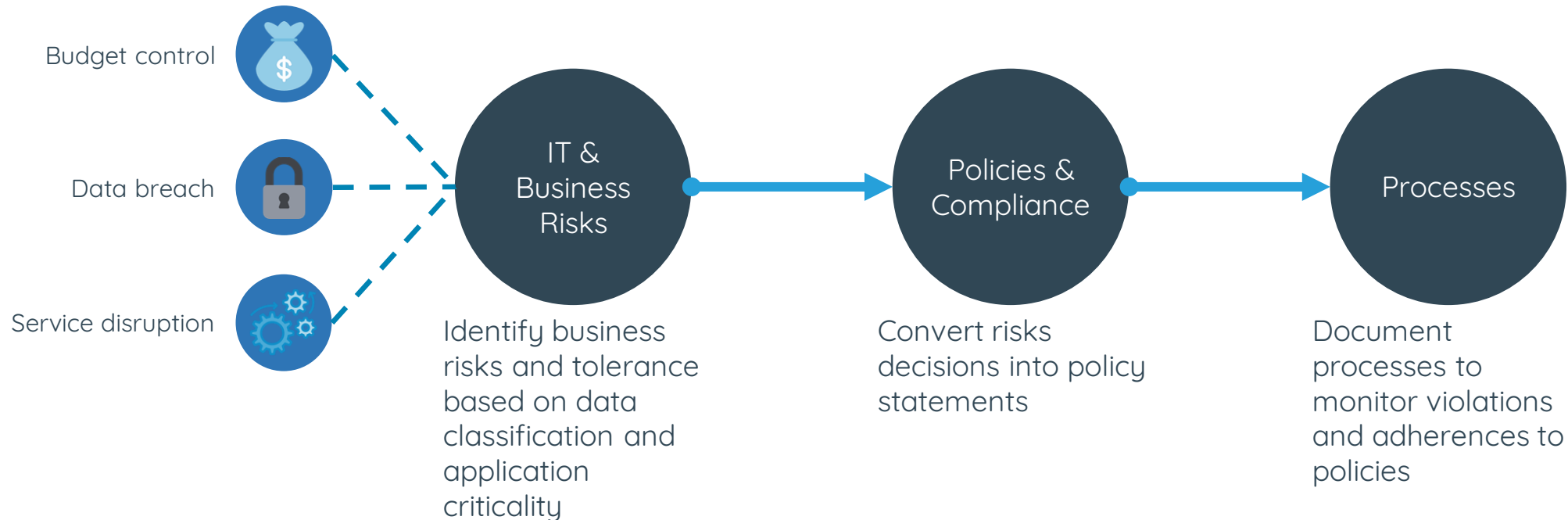
Cloud governance is a **framework** to govern the use of cloud services and help consumers access those services in a controlled fashion.



As cloud adoption encompasses **people**, **processes**, and **technology**, cloud governance needs to bring under control these dimensions, while ensuring security, cost management, and deployment acceleration.

Cloud Governance - Why

Cloud governance is an important step in the cloud journey: as the cloud **adoption** progresses inside the organization, new **technical** and **business risks** surface out, so a cloud governance framework brings these risks **under control** along with enforcement of **organizational standards**.



Cloud Governance - Why

Risks and mitigation examples



COST MANAGEMENT



SECURITY & COMPLIANCE



DEPLOYMENT & OPERATIONS

Increasing cloud spending cost due to self-service deployment enablement

Confidential data stored outside a compliant business region

Lack of configuration alignment with governance principles due to manual untracked changes

Enforce mandatory tagging for resources to track costs across appropriate dimensions (e.g. department or cost center)

Restrict cloud deployment regions to approved ones

Template and automate the configuration of cloud service (DevOps)

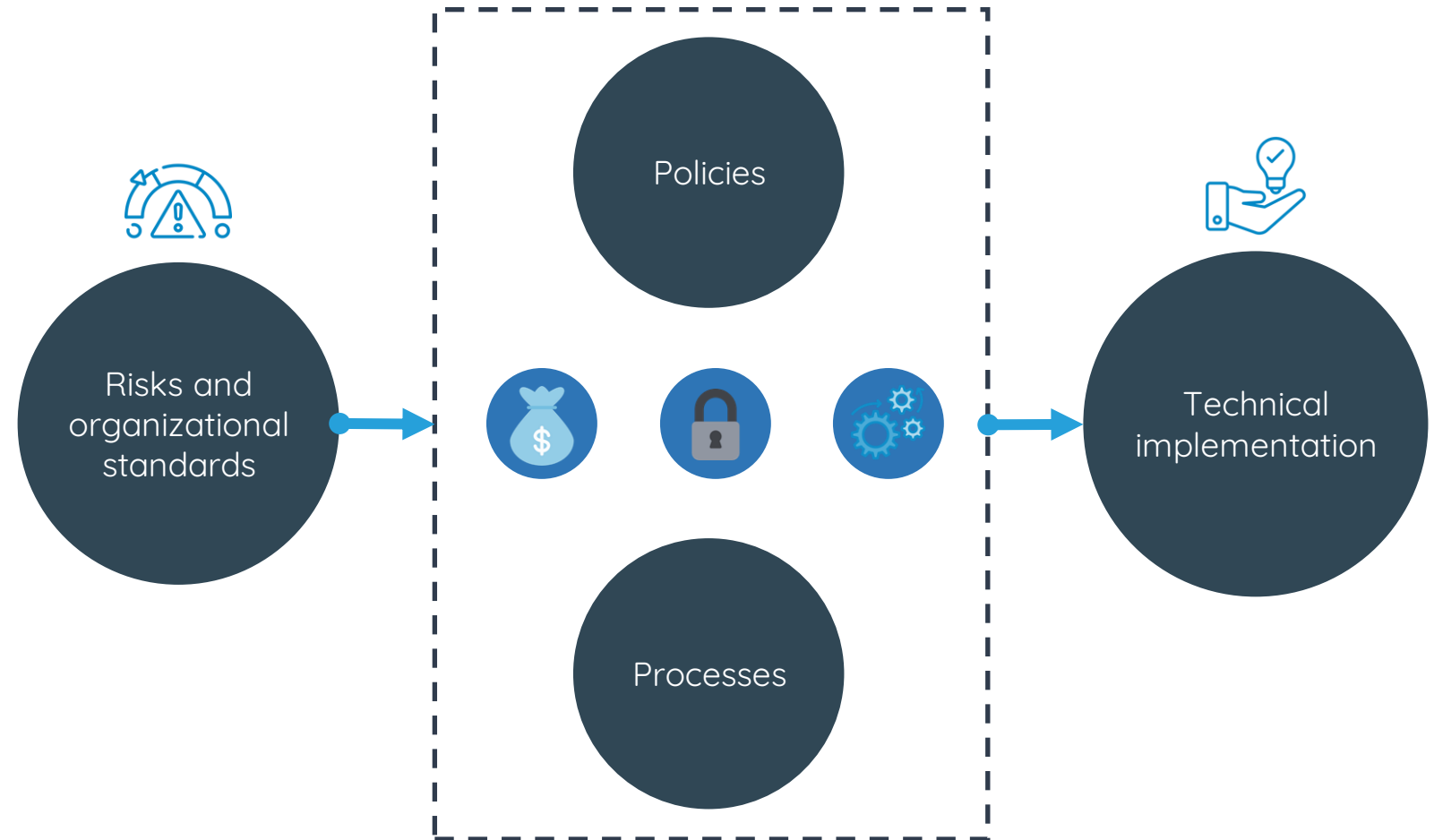
Cloud Governance - What

Cloud governance incorporates business and technical risks, along with existing organizational standards as input to build a set of policies and processes.

This set of policies and processes are focused on:

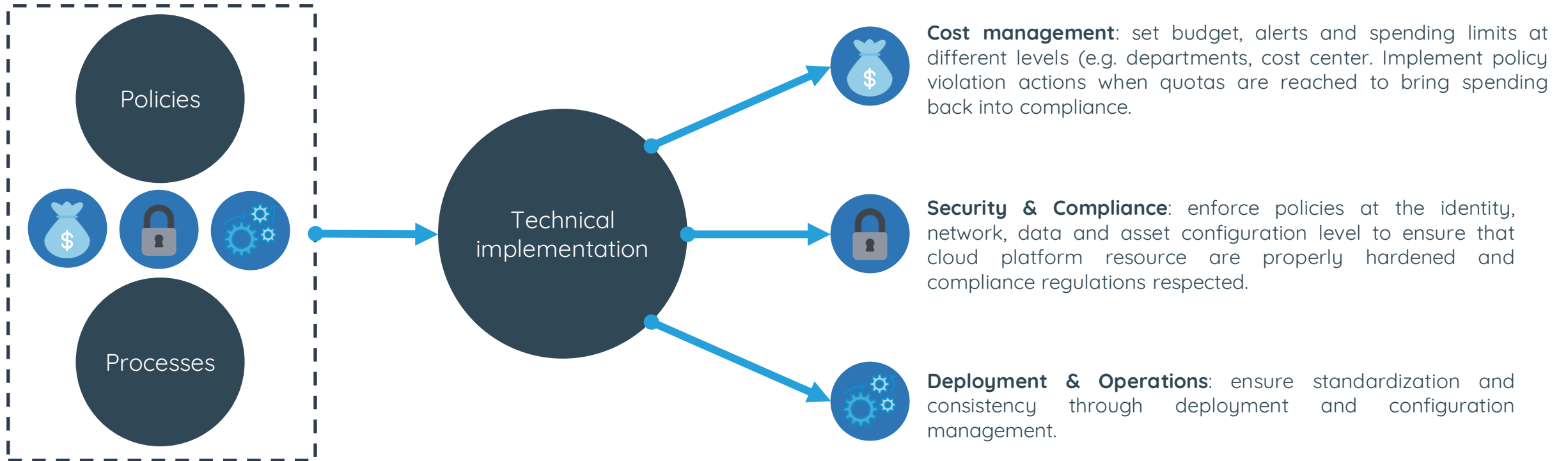
- ✓ Cost management
- ✓ Security and compliance
- ✓ Deployment and operations

To mitigate the risks and enforce the standards in order to respect company compliance directives.



Cloud Governance - How

Policies: corporate policies convert business risks and organizational standards as policy statements.



Processes: ensure adherence to the corporate policies with planning, review, monitoring and policy violation processes.

Cost management: set budget, alerts and spending limits at different levels (e.g. departments, cost center. Implement policy violation actions when quotas are reached to bring spending back into compliance.

Security & Compliance: enforce policies at the identity, network, data and asset configuration level to ensure that cloud platform resource are properly hardened and compliance regulations respected.

Deployment & Operations: ensure standardization and consistency through deployment and configuration management.

Cloud Center of Excellence

The Cloud Governance Framework is owned and operated by a specialized virtual team, called **Cloud Center of Excellence (CCoE)**.

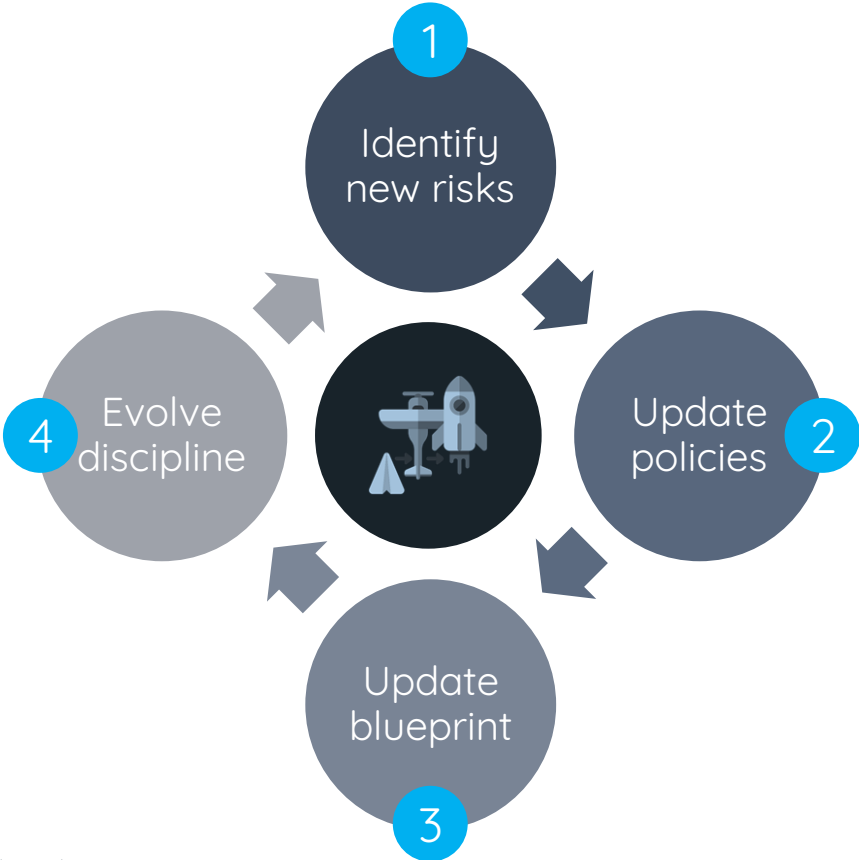
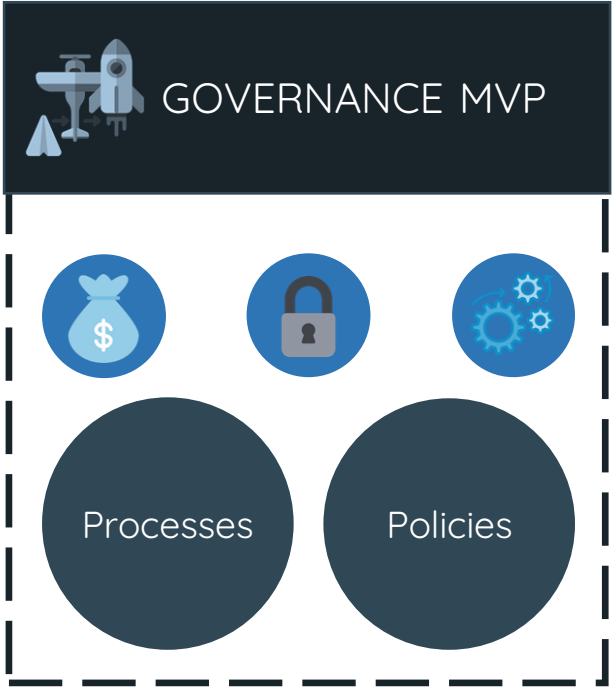
Governance is just one of the functions of this team.

Its ultimate mission is to promote cloud adoption through an efficient governance framework, organizational skills transformation, platform selection and external partnerships.

FUNCTIONS	TEAM ROLES
Governance (policies and processes) Owner of cloud governance framework Technical blueprint definition and standardization Risk management Cloud business success metrics	Architects Responsible for the supervision of a company's cloud computing system technical landscape.
Brokerage (platform selection) Define cloud provider selection criteria Define workload placement process	Security Responsible for the company IT cloud security policies
People (organizational skills transformation) Suggest skills transformation or ramp-up Share knowledge through communities of practice Define training for IT and business people	Legal/Compliance Responsible for defining the compliance risks and legal framework with cloud providers
Partnerships External partner selection and onboarding Define list of preferred partners per domain	Finance Responsible for identifying cost management risks and policies.
	HR Follow-up on recommendations for training plans for cloud competencies skill-up.
	Managed Service Provider Informed for transition to Run/Ops of implementation decisions

Cloud Governance - Methodology

Organization can no longer wait to build every policy and process to tackle every aspect: as businesses move quickly also IT governance must adapt and keep the pace using an **incremental governance** approach.



Incremental governance relies on a small set of corporate policies, processes, and tools to establish a foundation for adoption and governance. That foundation is called a **minimum viable product (MVP)**.

An MVP enables the governance team to quickly incorporate governance into implementations throughout the adoption lifecycle and continuously update it to tailor the framework.

Cloud Governance – MVP scope

The MVP (Minimum Viable Product) focuses on the minimum set of activities to address the highest priorities and risk in an organization, and to build a governance development methodology that can be used to address additional risks

Cloud Governance MVP scope

	Analysis	Definition	Implementation	Transfer
WHAT	Current corporate policies analysis and envision of governance end state and MVP targets.	Governance MVP policies and processes definition across the governance domains	Technical implementation of the baseline governance blueprint	Support for CCoE implementation and knowledge transfer on governance iterative development.
SCOPE	<ul style="list-style-type: none"> ✓ Identify the organization current and target state for the cloud governance initiative ✓ Identify the top 3 risks in each of the 3 governance domains 	<ul style="list-style-type: none"> ✓ Define the top 3 policies and processes in each governance domain to mitigate the identified risks in the analysis phase ✓ Defined governance baseline blueprints for implementation (*) 	<ul style="list-style-type: none"> ✓ Implementation of the technical blueprint across Microsoft Azure (*) 	<ul style="list-style-type: none"> ✓ Cloud Center of Excellence strategy and team forming
	Deliverable: Cloud Governance Strategy	Deliverables: Policy & Processes documents and Governance Blueprint	Deliverables: Blueprint implementation document	Deliverables: CCoE Strategy

(*) the proposal focuses on the base governance implementation for the Microsoft Azure platform. Dedicated estimations can be added on top to plan specific governance blueprint definitions and implementation for O365 services or specific verticals on the Azure platform itself (e.g. decentralized deployments enablement for business or IT users).

Cloud Governance – Action plan

(*) typical estimated effort for a cloud governance MVP implementation based on Stellium experiences.

Cloud Governance MVP

	Analysis	Definition	Implementation	Transfer
WHAT	Current corporate policies analysis and envision of governance end state and MVP targets.	Governance MVP policies and processes definition across the governance domains	Technical implementation of the baseline governance blueprint	Support for CCoE implementation and knowledge transfer on governance iterative development.
HOW	<ul style="list-style-type: none"> ✓ Corporate policies analysis ✓ Business and technical risks identification ✓ Current state analysis and gap identification with end state 	<ul style="list-style-type: none"> ✓ Stellium governance policies and processes presentation ✓ Targeted workshops to defined policies and processes MVP from Stellium baseline ✓ Defined baseline blueprint for technical implementation (*) 	<ul style="list-style-type: none"> ✓ Technical implementation of the governance across the identified policies and processes (*) 	<ul style="list-style-type: none"> ✓ Support for CCoE structure definition and team forming ✓ Knowledge transfer on iterative governance development methodology
WHO	Stellium Enterprise Architect Client Enterprise Architect	Stellium Enterprise Architect Finance, Security/Compliance and Operations Managers	Stellium Solution Architect Client Technical Teams	Stellium Enterprise Architect Client Enterprise Architect
	5 man days	7 man days (*)	7 man days (*)	5 man days

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For any questions or additional information:

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Let's  Go?



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