

Cloud Governance Made Easy

Public cloud adoption has driven tremendous benefits for companies of all sizes. However, independent and decentralized teams of cloud architects, developers, QA engineers and solution architects are now making decisions that have material impacts on cloud spending and security. Without visibility, reporting and guidance, well-meaning employees lack the ability to make decisions with consistently good results.

The complexity of public cloud service offerings and the emphasis on new service velocity has resulted in increasingly complex environments with escalating costs and risks. The CloudSphere Cloud Governance Platform supports a number of important solutions for our customer base that span across all major public cloud providers. Our solutions provide a unique application level view to help establish the guardrails needed to plan effectively and maintain control in multi-cloud environments.

Platform Overview

CloudSphere's Cloud Governance Platform features three solutions to help Enterprises manage dynamic multi-cloud environments. The solutions are available as independent modules with pricing that scales to accommodate companies of all sizes from small SaaS companies all the way to industry giants with global reach. When used together, the modules provide even more value by sharing common application discovery information and a common policy engine that allows real-time monitoring of security and cost at an application level.

The solutions include:

- Cloud Migration Planning
- Cloud Cost Management
- Cloud Security Posture Management

KEY BENEFITS

Reduce Migration Risk

Migrate complex enterprise applications with agentless discovery of application inter-dependencies while optimizing for both performance and cost

Eliminate Surprise Bills

Reports and alerts for cloud spend by group, department, project or individual keep budgets on track

Control Access Sprawl

Visual maps display identity and access data to show who has access to key cloud resources

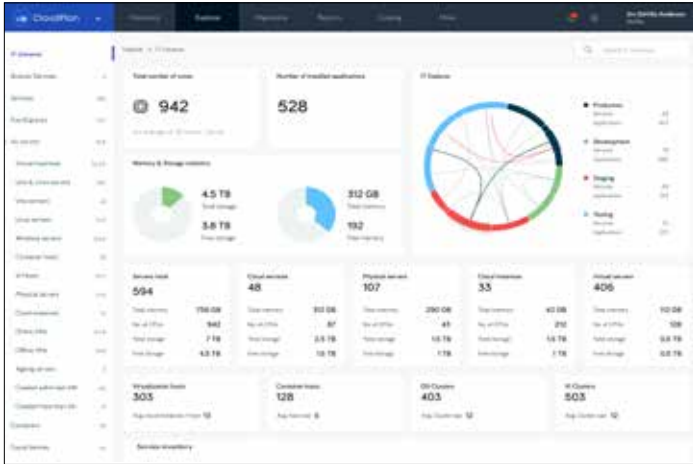
Establish Security Guardrails

Minimize cloud attack surface and exposure window with customizable risk scoring, remediation recommendations and integration with 3rd party reporting tools

CLOUD MIGRATION PLANNING

Accelerate Your Cloud Migration Planning

CloudSphere's automated tooling discovers and maps your simple to complex applications across hybrid environments without having to install agents. A key step in any migration plan begins with a current state analysis of the entire IT



estate that shows your infrastructure, applications, and how those resources are connected.

CloudSphere's cloud migration planning solution gives you a comprehensive end-to-end view of your applications, no matter the complexity, to provide optimization and accuracy throughout the migration process. Design a successful migration plan based on:

- **Application Dependencies:** Agentlessly map all applications dependencies with software-to-software and compute communication streams.
- **Cloud Cost TCO:** Compare cost for applications and infrastructure across AWS, Google Cloud Platform, and Microsoft Azure
- **Cloud Suitability:** Understand what workloads are fit for cloud services based on a risk and complexity analysis
- **Right-Sizing Analysis:** Accurately size your applications for their ideal cloud environment with performance, capacity, compute, and availability in mind

CLOUD COST MANAGEMENT

Visibility and Policy-driven Controls for Cloud Spending

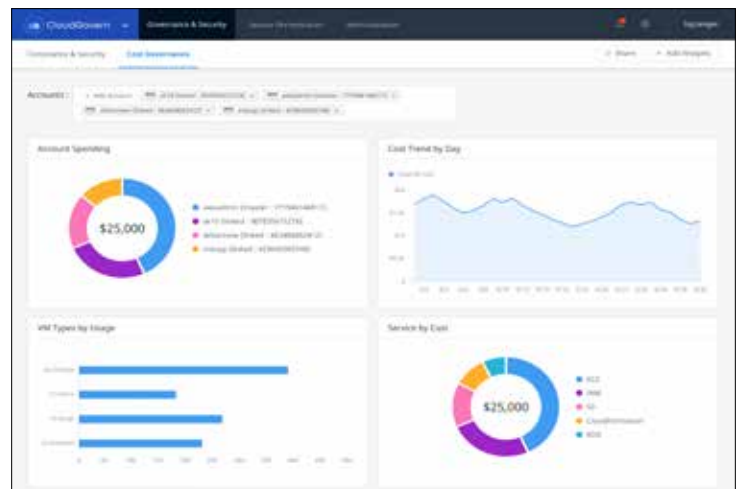
Public cloud usage often starts with independent and distributed projects within business units, well outside the watchful eyes of the IT group. With a focus on getting new services running quickly and little visibility into actual cloud spend, we continue to see rampant overspending on public cloud services. Whether from selecting oversized resources, forgetting to turn off unneeded or idle resources, or poor planning around network and storage fees, the result is escalating costs and a lack of centralized control. Without visibility into cloud spending on a per department or a per project basis, it's impossible to properly budget for cloud usage and tie cloud infrastructure spending to business outcomes.

CloudSphere solves this problem by providing visibility and policy-driven controls for cloud spending.

- Set and track budgets by department, project, business unit, or individual users

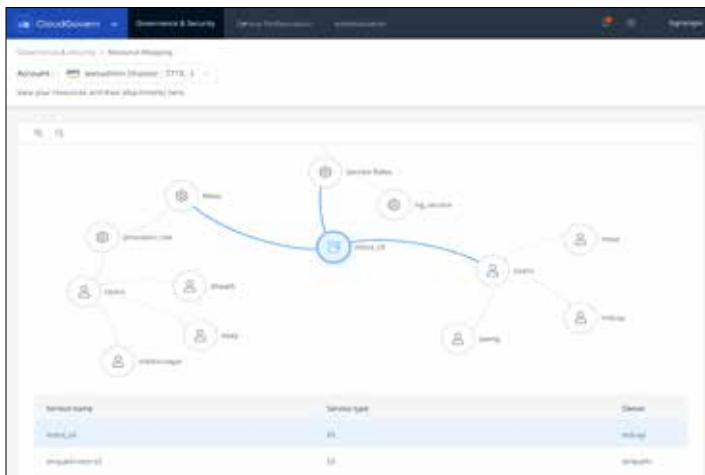
- Configure alerts for immediate notification if budget thresholds are crossed
- Allow users to take corrective action from trend reports before getting hit with a surprise bill
- Optimize cloud spending with continuous resource monitoring and rightsizing suggestions

All of these capabilities are multi-cloud capable, so that users can get a coherent and complete view of public cloud spending in a single dashboard.



Control Cloud Security Risks and Ensure Compliance

Public cloud users bear significant responsibilities in today's shared security model. Power users at cloud-centric companies need self-service access to the cloud in order to maintain agility, but providing that access magnifies risk without security governance guardrails in place to prevent misconfigurations with significant security and compliance consequences for the business. Similarly, Identity & Access Governance is an often-overlooked area of public cloud controls. Problems like access sprawl and inconsistent policy frameworks across on-premises and cloud environments



make enforcing a least-privilege security model exceedingly difficult in the cloud.

CloudSphere allows you to control cloud security risks and ensure compliance in complex hybrid and multi-cloud deployments with real time visibility, continuous configuration monitoring and user controlled auto-remediation capabilities.

Many cloud adopters fail to consider the attack surface opened up through misconfiguration of cloud resources and human error. CloudSphere can significantly reduce security and compliance risks.

- Minimize the attack surface in the cloud with a comprehensive set of security controls that monitor and control security status in real time
- Remediate problems before they can be exploited with auto-remediation and assisted-remediation capabilities
- Monitor compliance status against key industry standards, like CIS, PCI, HIPAA, SOC, NIST, and others
- Track who has access to your most critical assets in the cloud and visualize access paths to gain insights into users and attached policies and permissions

All of these monitors and alerts are available for multi-cloud environments and integrated with leading ticketing systems like ServiceNow and Jira to help ensure critical issues are given the attention they need.

The common thread in all CloudSphere solutions is Application Intelligence. Application Intelligence discovers and collects all of the data points that together define an application across on-prem, hybrid, and cloud environments. It then correlates these data points into an application-centric view that provides a new way of managing complex cloud environments. With Application intelligence, cloud migration planning can now allow application optimization before and after moving to the cloud. Cloud cost management can now project cloud spend per application and set budget threshold alerts to provide a warning if that projection is going to exceed budget. Similarly, security posture management can show who has access to each critical application in the cloud. This application-centric view of the cloud dramatically simplifies governance for companies of all sizes.

In the new era of public cloud ubiquity, cloud governance is more important than ever. The complexity of public cloud service offerings and the emphasis on new service velocity has resulted in complex migrations, escalating costs and increased security and compliance risks. CloudSphere's cloud governance solutions provide the guardrails needed to regain and maintain visibility and control in these multi-cloud environments.

KEY DIFFERENTIATION

- The most advanced agentless application discovery and dependency mapping solution for migrating complex apps
- The only platform with Application Intelligence that allows you to manage migration, cost and security on a per application basis in the cloud
- A single platform and user experience for cloud planning and governance across all cloud providers dramatically reduces the number of tools required

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