CoreStack Platform Overview

Introduction

As enterprises accelerate cloud adoption, they face a growing tension between **speed and control**. The pressure to innovate and do more with less leads teams to provision resources faster than governance models can adapt. As enterprises produce and consume increasing amounts of data, they often rely on multiple cloud providers that are not connected across business units, leading to data silos and cost uncertainty. This fragmented digital ecosystem becomes increasingly difficult to govern and secure as new threats emerge continuously.

The result is not just operational friction, but systemic risk resulting from:

- Fragmented visibility across cloud, cost, security, and compliance
- Limited business context to prioritize security and risk remediation
- Persistent variance between budgeted and actual spend on cloud and infrastructure costs

This is no longer a cloud management challenge. It is a governance problem.

CoreStack addresses this challenge by delivering **velocity with control** — enabling enterprises to move fast in the cloud without sacrificing visibility, governance, security, or compliance. It empowers teams to innovate confidently, knowing that intelligent guardrails are in place.

Platform Overview

CoreStack is an AI-powered cloud governance and security platform that acts as a universal operating layer across multi-cloud environments.

Rather than addressing cost, security, compliance, and operations in isolation, CoreStack unifies them into a single, intelligent system, delivering **continuous governance at machine speed.**

By combining intelligent automation, unified visibility, agentic insights and robust guardrails, CoreStack empowers enterprises to:

- Scale cloud adoption without increasing risk
- Govern consistently across AWS, Azure, OCI, and GCP
- Replace fragmented point tools with a converged governance model

Figure: *CoreStack is a universal operating layer across cloud, AI, and digital systems to provide comprehensive cloud governance and security at scale.*

How the Platform Works

CoreStack is designed to adapt to your organization. Unlike single-purpose tools, CoreStack scales across cloud maturity models, organizational structures, and business needs through:

- **Flexible Hierarchies:** Model accounts, cloud environments, and business units to reflect your organization accurately.
- **Autonomous Governance Rules:** Define post provisioning configuration rules to be applied automatically for cloud native and third party services that align with your enterprise standards.
- **Seamless Integration:** Connect with existing enterprise systems.
- **Extensible Automation:** Bring your own automation, orchestration and remediation workflows into the platform.
- **Adaptable Guardrails:** Apply retrospective or proactive policies.
- **Customized Compliance Frameworks:** Bring industry-relevant compliance standards into the platform to use and monitor for violations.
- **Actionable Insights:** Deliver role-specific dashboards and reporting.

Design Principles

CoreStack is built on foundational principles that ensure it remains extensible and flexible for long-term adaptability:

- **Cloud Native**
  Leverages and complements native cloud services.
- **Complete Coverage**
  Governs all major services offered by top cloud providers, including Microsoft, Google, AWS, and Oracle.
- **Convergence**
  Unifies orchestration, automation, and policy engines to leverage existing investments and avoid vendor lock in.
- **Open Ecosystem**
  Rule based bidirectional integration of cloud across enterprise tools.
- **Cloud Resource 360 (CR360)**
  Establishes 360-degree view of cloud resource graph for effective governance.
- **Cognitive Intelligence**
  AI-driven insights through our ontology-based Large Cloud Governance Model (LCGM) to enhance human decision-making.

Product Offerings:

The platform delivers cloud governance and security through the following capabilities:

Governance

Ensures that digital assets are operated and managed in a secure, compliant, and collaborative manner by:

- **Entitlements:** Establish required access rights and permissions for digital assets.
- **Workflow:** Define processes for collaboration and approval to maintain accountability.
- **Integration:** Connect digital assets with enterprise tools and processes for seamless operations.
- **Guardrails:** Implement policies and controls to ensure compliance and prevent misuse.
- **Agentic Governance:** A multi-agent AI system that understands context, semantics, relationships, intent, and business criticality to deliver agentic insights, analytics, and conversational experiences powered by LCGM™ (Large Cloud Governance Model), an ontology-based knowledge model.

Cloud Operations (CloudOps)

Drive operational efficiency and consistency with automation, inventory visibility, autonomous configurations, and unified operations posture across multi-cloud environments.

Self Service (StackOps)

Enable users to request cloud services from a curated self-service catalog that abstracts the complexity of resource provisioning through orchestration templates.

Financial Operations (FinOps)

Drive financial accountability and cost efficiency through granular visibility, AI-driven optimizations, automated workflows, and a unified multi-cloud cost governance posture.

Cloud Assessments

Detect and remediate architectural drift with fast, continuous, and intelligent multi-cloud assessments powered by configurable policies and AI-driven insights.

Continuous Compliance (ComplianceOps)

Enable continuous monitoring of controls to meet regulatory or industry compliance requirements. Identify violations, drive remediation with evidence-ready reporting, and help teams reduce audit risk while staying secure at scale.

Security Operations (SecOps)

Enforce security and access posture through continuous monitoring, policy-based guardrails, automated remediation, and AI-driven insights across multi-cloud environments. This is equivalent to Cloud Security Posture Management (CSPM).

Application Security Operations (AppSecOps)

Embed application security into DevOps so security checks happen continuously across software delivery lifecycle. Enable risk prioritized software supply chain vulnerabilities and attack path detection.

How Teams Use CoreStack

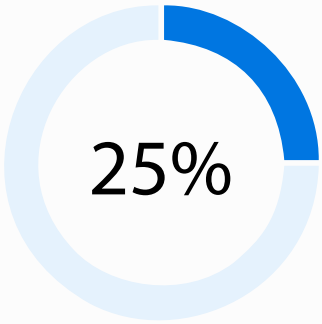
CoreStack is built to serve as the governance operating layer across an enterprise and provide cross-functional teams with the visibility and confidence to move fast without sacrificing control. The platform flexes to each team's cloud maturity and governance needs.

- **FinOps** teams can track and optimize cloud spend across business units.
- **Security** teams can enforce posture and automate compliance checks to mitigate risks.
- **Cloud architects** can detect and remediate architectural drifts, ensuring that deployed resources align with enterprise standards.
- **Operations teams** can monitor resource health, automate remediation workflows, and maintain consistent configurations across environments.

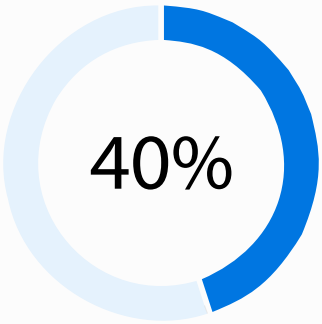
Whether you're just starting your cloud journey or managing a complex multi-cloud estate, CoreStack allows teams across your enterprise **to operate at machine speed.**

Business Value

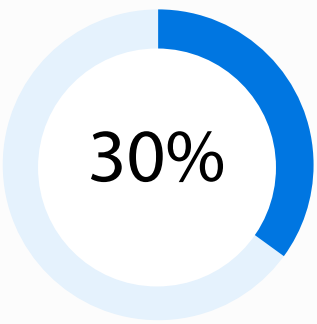
Customers using CoreStack report measurable, enterprise-level outcomes:



Emaar Properties saw more than **25%** in cloud savings within one year [1]



Logicalis saw a **40%** increase in operational efficiency through automation [2]



Cloudelligent saw a **30%** increase in overall team productivity [3]

Most importantly, organizations gain **predictable, defensible control** over cloud performance that they can quantify.

[1] https://www.corestack.io/collateral-hub/corestack-helps-emaar-properties-make-the-most-of-multi-cloud/

[2] https://www.corestack.io/collateral-hub/corestack-helps-logicalis-make-quick-work-of-cloud-compliance/

[3] https://www.corestack.io/collateral-hub/cloudelligent-leverages-corestack-to-scale-volume-and-win-new-cloud-business/

Learn More

CoreStack offers a **comprehensive, intelligent,** and **scalable** solution to cloud governance and security. It enables organizations to operate at **high velocity** — launching new services, scaling operations, and innovating faster — all while maintaining **control** and compliance required in today's complex cloud environments.

Explore the documentation to dive deeper into platform capabilities, review implementation guidance, and learn how CoreStack can be tailored to your operating model.

Request a demo to get started.

CORESTACK®

CoreStack is an AI-powered NextGen Cloud Governance & Security Platform that enables enterprises to embrace cloud with confidence, rapidly achieving continuous and autonomous cloud governance at scale. CoreStack helps 750+ global enterprises govern more than $2B in annual cloud consumption. The company is a Microsoft Solutions Partner with Certified Software, Amazon AWS Technology Partner with Cloud Operations Competency, Oracle Cloud Build Partner, and Google Cloud Build Partner.