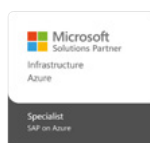




W H I T E P A P E R

Vnomic Cloud Governance Solution Powered by Microsoft Fabric & AI

**A FinOps-Driven Cost
Optimization and Cloud
Financial Governance
Service for Global
Enterprises**



Gold Cloud Platform



Executive Summary

Vnomic's Cloud Governance solution provides enterprises with an automated and engineered FinOps service that delivers financial visibility, accountability, and optimization across all Azure environments.

The service is designed to reduce costs, accelerate innovation, and align cloud spending with business priorities while embedding strong governance practices.

By combining FinOps principles with Azure-native capabilities and industry-leading third-party platforms, Vnomic ensures that enterprises achieve cost transparency, accurate forecasting, sustainable savings, and business-unit level accountability—all while enabling agility and supporting innovation.

Service Overview

FinOps & Cost Optimization as a Service

Vnomic provides Cloud Governance “as a service,” integrating with enterprise financial and IT processes to deliver actionable insights. The service includes:

- + Automated cost allocation via standardized tagging and governance enforcement.
- + Budget forecasting and consumption modeling per product, platform, and business unit.
- + Persona-specific dashboards for Finance, Cloud Engineering, and Product Owners.
- + Continuous optimization leveraging Azure Hybrid Benefit (AHUB), Reserved Instances, and automation-based cost savings.
- + Integrated chargeback and showback reporting to align cost ownership with business outcomes.

Core Capabilities

A. Cost Visibility & Accountability

- + **Tagging & Allocation:** Enforced tagging standards for cost center, business unit, and product-level reporting.
- + **Budgeting & Forecasting:** Support for both Azure Cost Management
- + **Consumption Insights:** Breakdown across IaaS, PaaS, and SaaS (AKS, SQL, App Services).
- + **Dashboards:** Tailored dashboards for Platform/Cloud teams, Finance, and Product Owners.
- + **Shared Services Allocation:** Cost modeling for shared services such as SAP infrastructure, DNS, backup, and monitoring.
- + **Untagged/Orphan Costs:** Governance escalations for remediation.
- + **Alerts & Escalations:** Automated workflows for budget exhaustion and anomaly detection.
- + **Scenario Modeling:** Cost simulation tooling for investment planning and risk analysis.

B. Continuous Cost Optimization

- + Rightsizing VMs and storage.
- + Removal of unused/orphaned assets.
- + Scheduling and automation for non-production environments.
- + Implementation of Hybrid Benefit and Reserved Instance strategies.
- + Tracking realized vs potential savings.

C. Cost Reporting & Insights

- + **Weekly Reports:** Consumption trends, anomalies, and optimizations.
- + **Monthly Reports:** Forecast vs actual, savings attribution, RI/SP coverage, and FinOps KPIs.
- + **Quarterly Reviews:** Deeper license compliance, AHUB tracking, and modernization backlog status.

D. License Governance & Hybrid Benefit Monitoring

- + Quarterly compliance reviews across Windows Server, SQL Server, SUSE, and Red Hat.
- + Automated tracking of AHUB utilization vs entitlement.
- + Non-compliance detection (e.g., missing AHUB flags).
- + Expired/expiring Software Assurance or Subscription alerts.
- + Integrated license optimization insights into quarterly management reports.

E. Integration with ITSM & Automation

- + ServiceNow integration for anomaly-driven workflows.
- + Automation of scaling, shutdowns, and remediation policies.
- + Coverage reporting on automation execution success.

F. GreenOps & Sustainability

- + Carbon-aware scheduling and cost-of-idle carbon reporting.
- + Energy-efficient workload placement.
- + Emissions dashboards aligned with Microsoft's carbon reporting model.

FinOps KPIs



KPI		Target
% of tagged resources	●	≥ 98%
RI/Savings Plan utilization	●	≥ 85%
Optimizations implemented per month	●	≥ 3 with ≥ 80% validated in reports
Forecast variance (month-end vs actual)	●	≤ 10%
Cloud spend with owner assigned	●	≥ 90%
Forecast overrun detection & escalation	●	≤ 24 hours
Auto-deallocation jobs executed	●	≥ 95%
Monthly chargeback coverage	●	≥ 95%
Quarterly reviews coverage	●	≥ 90% business units engaged

Reporting & Dashboarding



Monthly Cloud Cost Overview

- + Actual vs forecast costs by subscription/application/platform.
- + Attribution of savings to optimization activities.
- + AI-based anomaly detection across cost centers.

Reserved Instance / Savings Plan Utilization

- + Coverage and ROI tracking.
- + Renewal planning and expiration alerts.

Resource Hygiene

- + Idle/unattached resources.
- + Tagging compliance score.
- + Governance audit adherence (naming, encryption, backup).

Custom Persona Dashboards

- + Platform/Cloud Engineering: Optimization backlog, automation savings.
- + Finance: Forecast vs actual, ROI, anomaly tracking.
- + Product Owners: Cost per application, per feature/release.
- + Security/Compliance: Non-compliance costs, penalty avoidance.

Forecasting & Budget Governance

- + Rolling multi-month forecasts.
- + AI-driven prediction of budget exhaustion.
- + Forecast accuracy scoring and variance analysis.

Application Modernization Backlog

- + Prioritized by ROI, effort, and impact.
- + Status tracking with business-case alignment.

Chargeback & Showback

- + Cost per product/team/application with shared service allocation.
- + Heatmaps and internal benchmarking tiers.

Cloud Cost Behavior Analytics

- + Spend elasticity scoring.
- + Application-level trend analysis.
- + Comparative regional/weekly cost heatmaps.

GreenOps Dashboards

- + CO₂ emissions per workload.
- + Idle carbon cost reporting.
- + Savings attribution from energy-aware workload optimization.



Collaboration & Governance Practice

- + Alignment with enterprise budget cycles and investment governance.
 - + Joint ownership with Product/ Finance teams to build accountability.
 - + Continuous improvement of policies and FinOps practices.
 - + Monthly and quarterly steering reviews with leadership.
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Vnomic

Conclusion

Vnomic's Cloud Governance solution enables global enterprises to transform cloud financial management into a proactive, transparent, and accountable practice.

By delivering FinOps "as-a-service," integrating optimization with governance, and embedding license compliance and sustainability, Vnomic ensures that organizations can achieve lowest cost of cloud ownership while maintaining agility, compliance, and innovation at scale.