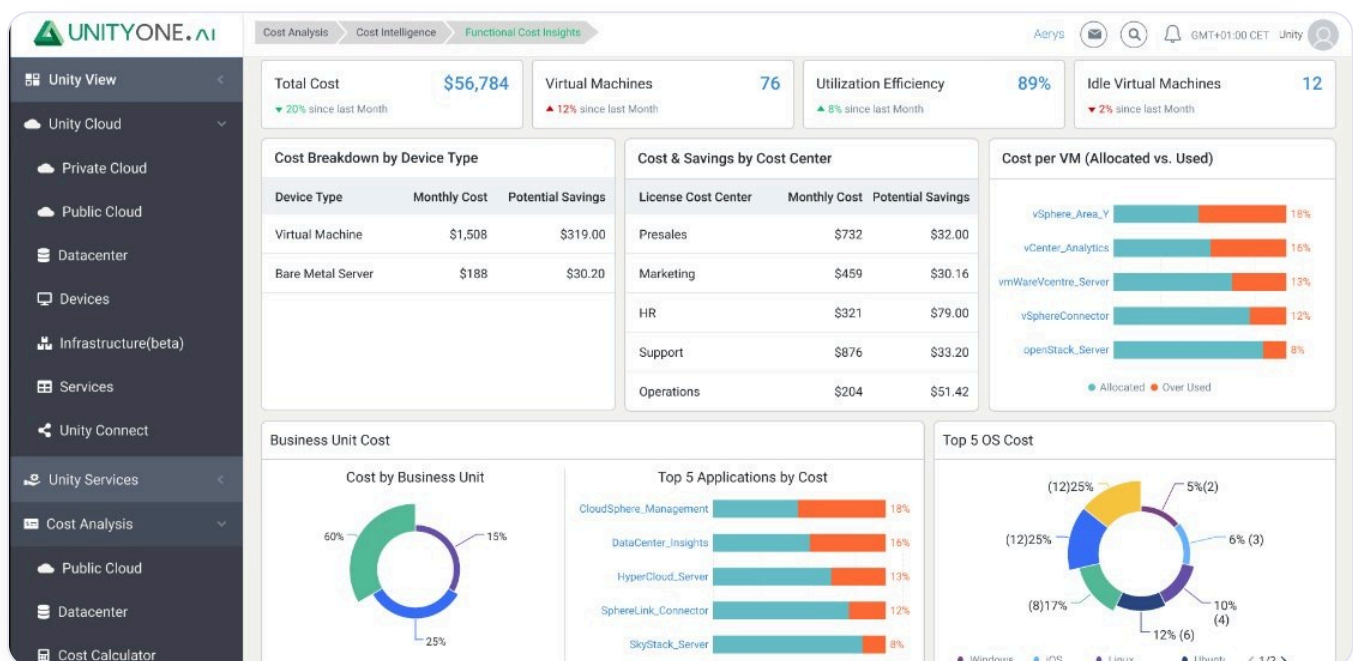


AI-powered cost management & FinOps

Unified visibility, allocation, budgeting, anomaly detection and governed optimization across public cloud, private cloud, Kubernetes, SaaS and the data center.



InfraSpend 360: unified cost intelligence hub.

100%

Unified cost visibility

25–35%

Lower cloud costs

2–3x

Faster financial and engineering decisions

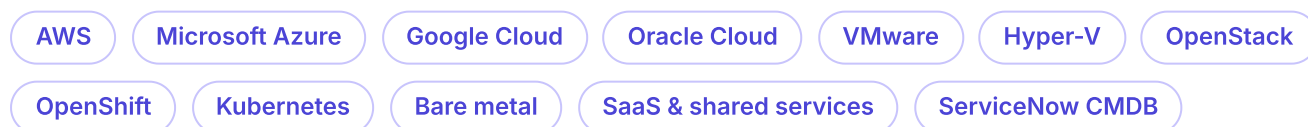
PLATFORM OVERVIEW

FinOps capabilities

FinOps is part of Cerne™, the UnityOne AI platform that also includes DCIM, HCMP, AIOps and GreenOps, so cost shares the same inventory, topology and governance.

Area	Capabilities
Visibility	Unified cost dashboard; live cost, usage and efficiency data across VMs, containers and bare metal; public cloud summary per account and tenant
Allocation	Unit economics via ServiceNow CMDB metadata; cost allocation from CMDB relationships, tags and catalog variables; service mapping
Showback & chargeback	Showback from all cloud integrations; chargeback from aggregated cost data and ServiceNow catalog inputs
Budgeting	Budgets per cloud type, cloud account, business unit or project; budget versus actual; threshold alerts
Forecasting	AI/ML models on historical data across platforms; AI-assisted cost forecasting
Anomaly detection	Built-in ML models; alerts and escalation via ServiceNow
Optimization	Rightsizing, idle and orphaned resources, decommissioning, rate optimization, cost-aware migration
Automation	Next-best-action recommendations with expected impact; automated, approved remediation
GenAI	Plain-language cost questions with tables and charts

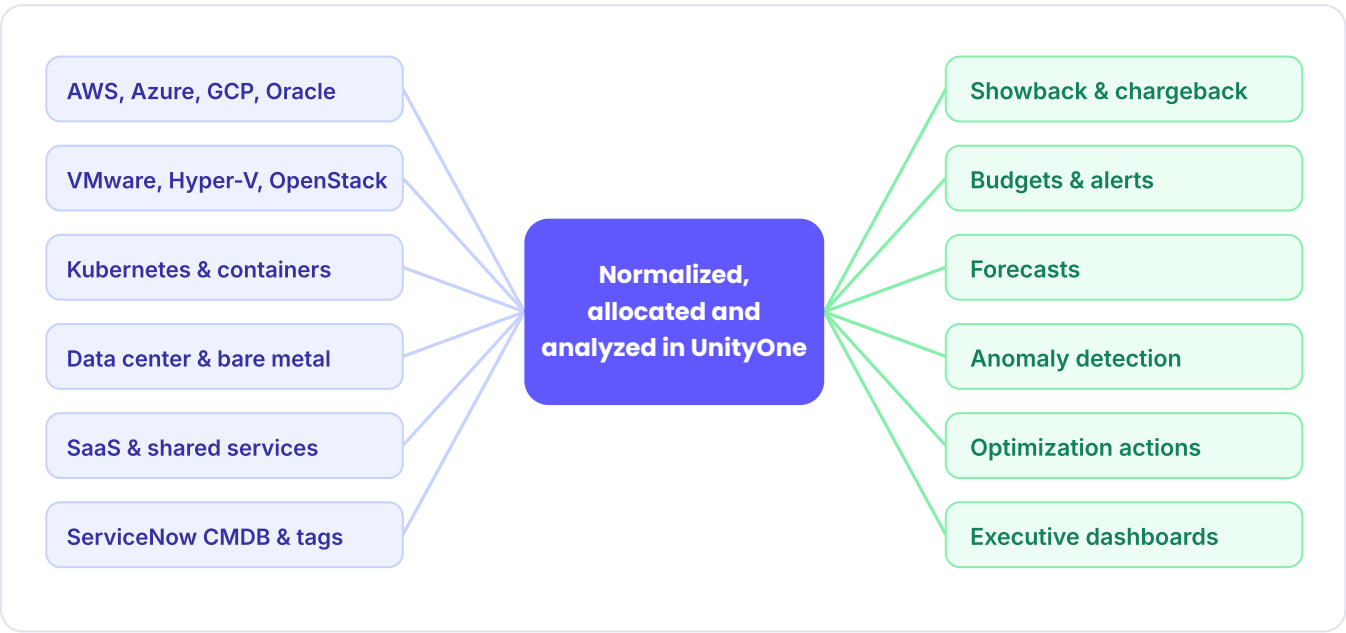
Sources it connects



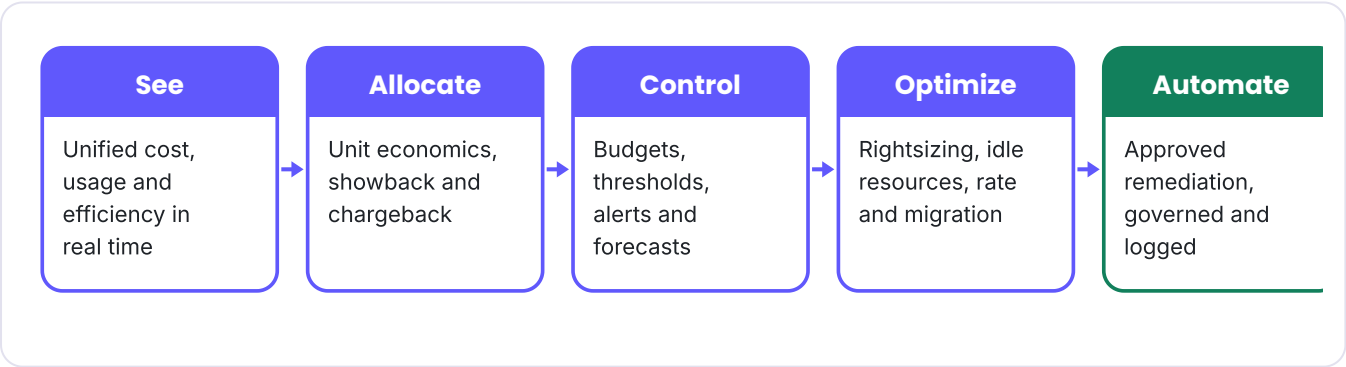
HOW IT WORKS

From raw bills to governed action

Cost and usage data from every platform is normalized, enriched with CMDB, tag and catalog context, and turned into allocation, control and optimization.



The FinOps cycle in UnityOne



- Context-rich**
Financial, operational, workload, utilization and business context combined.
- Governed**
Remediation runs only on approval, and is logged.

- Explainable**
Every recommendation shows its expected impact.
- Hybrid**
Public cloud and on-premises in one model.

FINOPS BUILDING BLOCKS

Define how every resource is costed

A single form defines compute, storage, network, software and operational attributes for precise cost allocation, performance tracking and governance.

The screenshot shows the 'Create FINOPS Building Blocks' form in the UnityOne AI interface. The form is divided into three main sections: CPU, RAM, and Storage. Each section contains various configuration options and rate settings. The CPU section includes fields for CPU Count, CPU Type, CPU Metrics Unit, CPU Rate Value, CPU Metrics Type, and CPU Rate Frequency. The RAM section includes fields for RAM Size, RAM Metric Type, RAM Rate Value, RAM Rate Frequency, and RAM Metric Unit. The Storage section includes fields for Storage Type, Storage Rate Value, Storage Count, Storage Rate Frequency, and Allocated Capacity (GB).

Building blocks: CPU, RAM and storage rates.

The screenshot shows the 'Create FINOPS Building Blocks' form in the UnityOne AI interface, specifically the Network, Backup, and OS Configuration sections. The Network section includes fields for NW Resource Type, Network Type, NW DNS Metric Type, NW DNS Metric Unit, NW DNS Rate Value, NW DNS Rate Frequency, NW Port Metric Type, NW Port Metric Unit, NW Port Rate Value, and NW Port Rate Frequency. The Backup section includes fields for Backup Type, Backup Metric Type, Backup Rate Value, Backup Rate Frequency, and Backup Metric Unit. The OS Configuration section includes fields for OS Type, OS Vendor, OS Distribution, OS Support Contract, OS Metrics Type, OS Metrics Unit, Rate Value, and Rate Frequency.

Network, backup and OS configuration rates.

Categories

CPU, RAM, storage, network, backup, software, operational and fixed.

Rate frequency

Hourly, daily or monthly.

Metric types

Actual usage or allocated capacity.

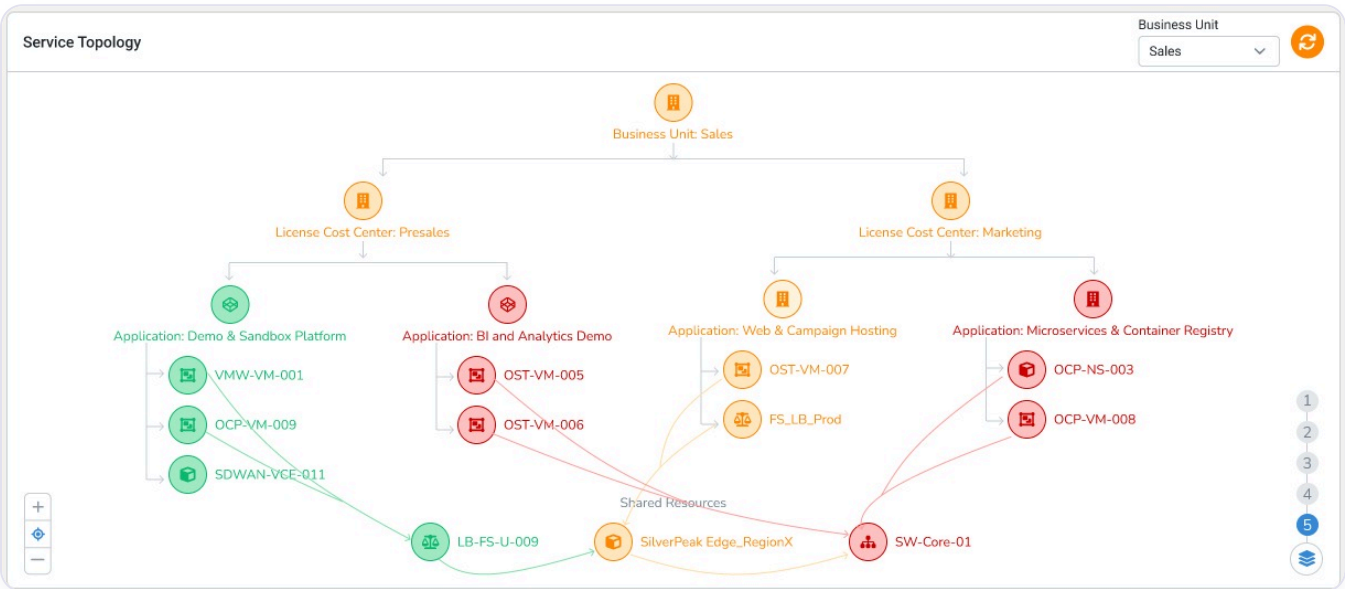
Operational costs

API calls, power cycles and other fixed items.

SERVICE MAPPING

Cost allocation by business unit

A service map models the hierarchy and dependencies across departments, applications and resources, including shared infrastructure.



Service topology for a business unit.

Device Details							
Device Name	Management IP	Application(s) / Service(s)	Allocation Type	Budget Amount	Budget Period	Budget Utilization	Host Deployment
OpenShift_Namespace_A	10.20.30.11	Microservices & Container Registry	Shared	\$1,200	Monthly	Used: 88% Free: 12%	Container
OpenStack_VM_Analytics	10.10.10.201	BI and Analytics Demo	Dedicated	\$3,000	Monthly	Used: 59% Free: 41%	Virtual
OpenStack_VM_BIEngine	10.10.10.202	BI and Analytics Demo	Dedicated	\$2,000	Monthly	Used: 21% Free: 79%	Virtual
OpenStack_VM_WebApp01	10.10.10.203	Web & Campaign Hosting	Shared	\$1,800	Monthly	Used: 59% Free: 41%	Virtual
OpenShift_VM_Registry	10.20.30.13	Microservices & Container Registry	Shared	1\$,000	Monthly	Used: 21% Free: 79%	Virtual

Device details with application, allocation type, budget and utilization.

Hierarchy

Business unit, cost center, application, resource.

Shared resources

Load balancers, edge and core switches allocated fairly.

Allocation type

Shared or dedicated per resource.

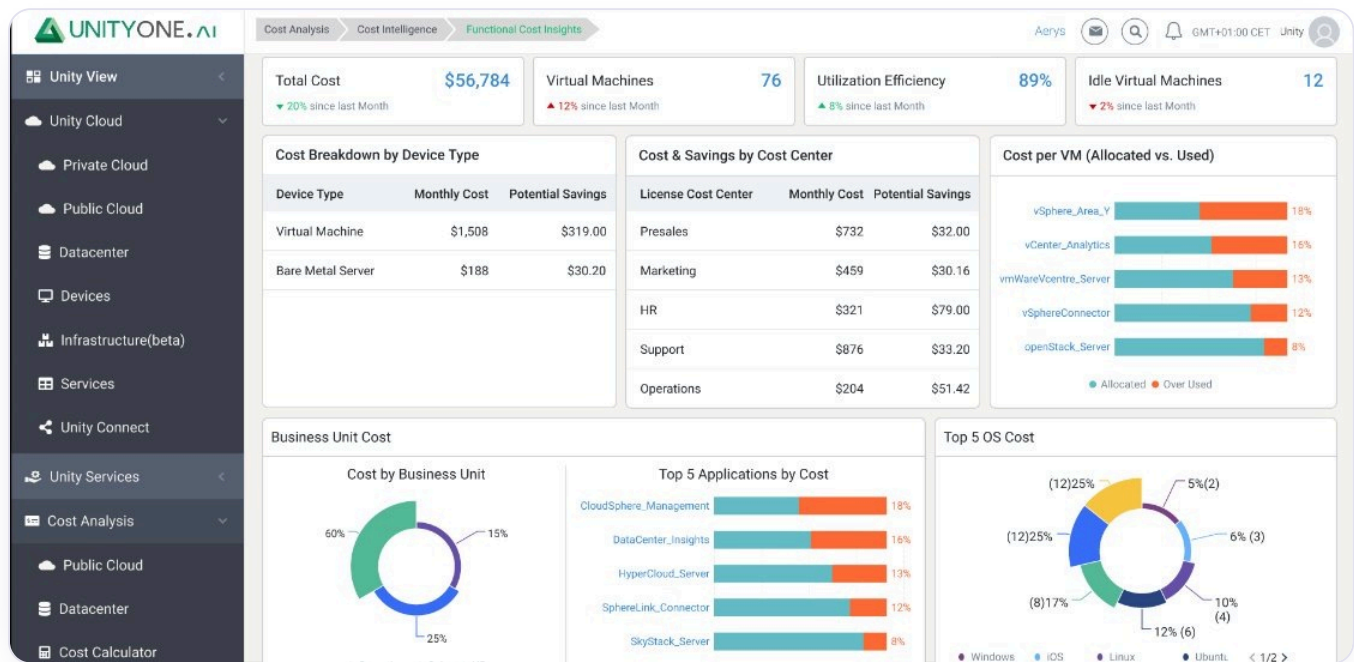
Budget utilization

Budget used and free per resource.

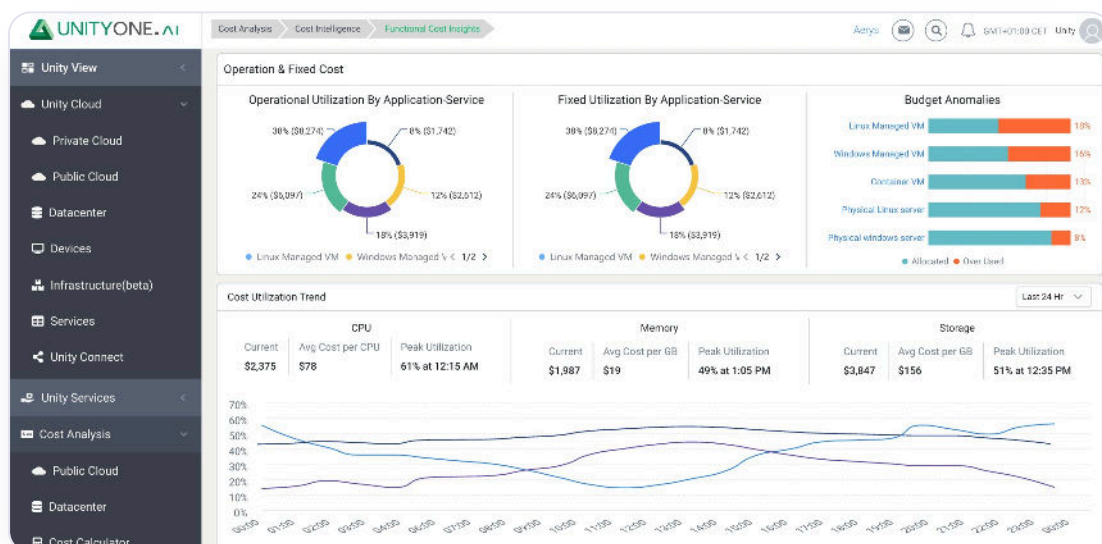
INFRASPEND 360

A unified cost intelligence hub

An interactive, real-time dashboard with visualizations for services, consumption and cost per dimension.



Cost by device type, cost center, business unit, application and OS.



Operational and fixed cost, budget anomalies and cost utilization trend.

Headline KPIs

Total cost, VMs, utilization efficiency, idle VMs.

Potential savings

By device type and cost center.

Allocated versus used

Per VM.

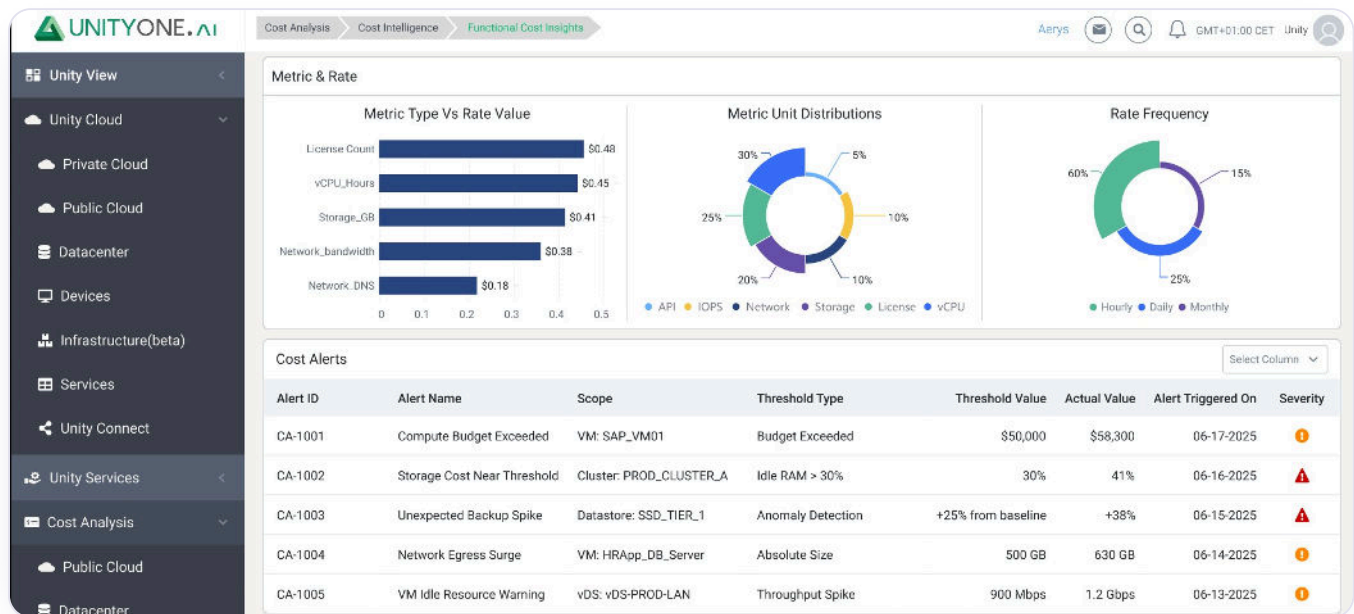
Utilization trend

CPU, memory and storage cost per unit.

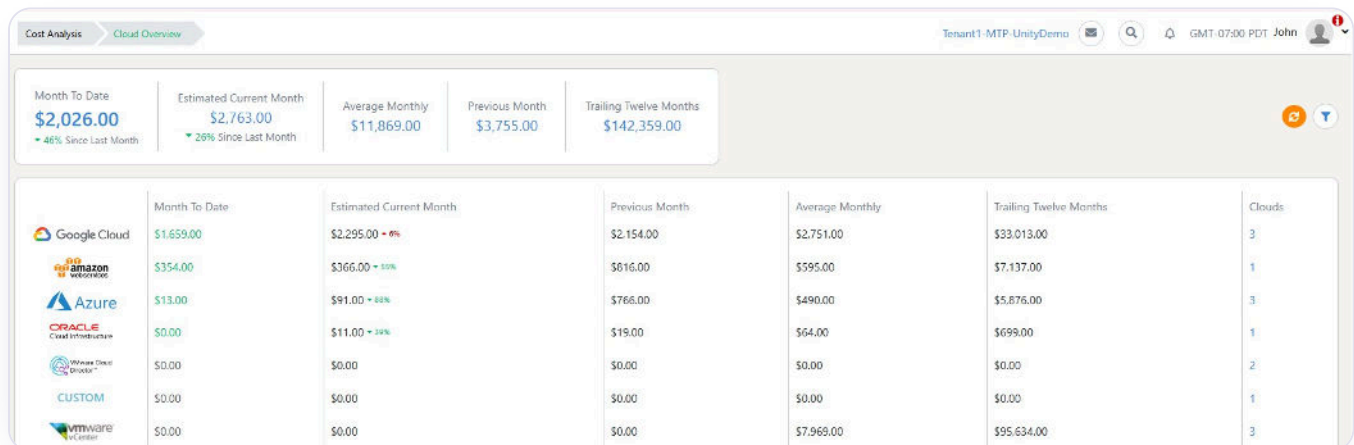
FUNCTIONAL COST INSIGHTS

Rates, alerts and anomalies

See rate values per metric type, metric unit distribution and rate frequency, with cost alerts by threshold type, including anomaly detection.



Metric and rate analytics with cost alerts.



Cloud overview with change since last month.

Threshold types

Budget exceeded, idle RAM, anomaly, absolute size, throughput.

Anomaly baseline

For example, +25% from baseline.

Severity

Warning and critical.

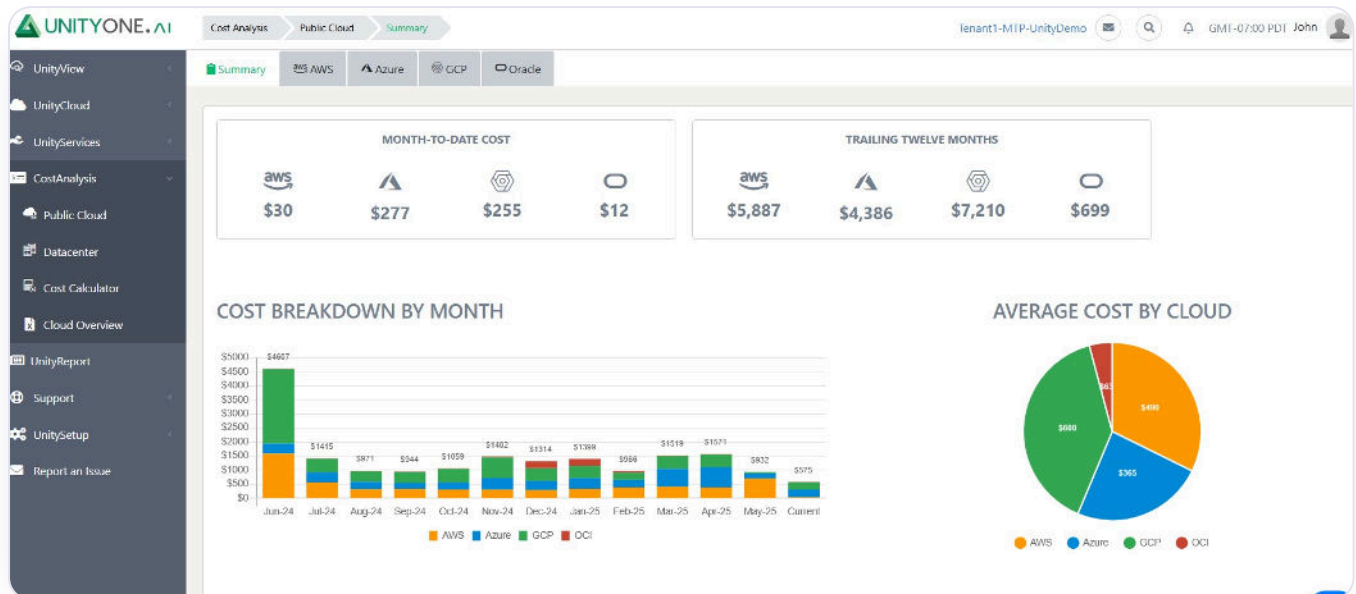
Escalation

To owners, including via ServiceNow.

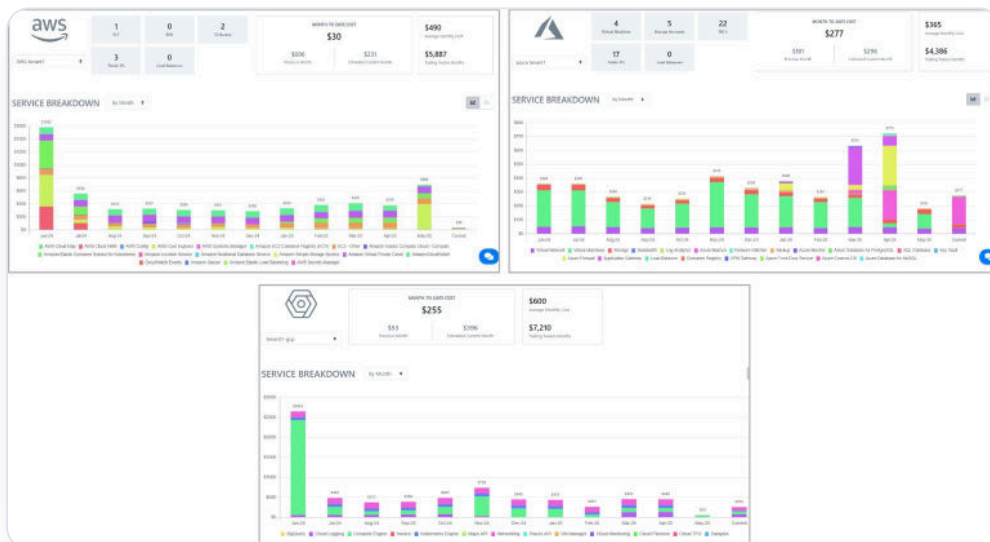
PUBLIC CLOUD COST MANAGEMENT

Every account, every service

A summary across AWS, Azure, Google Cloud and Oracle, with service breakdown per tenant by month.



Public cloud summary.



AWS, Azure and Google Cloud service breakdown.

Per cloud

Month to date, previous, estimated and trailing twelve months.

Service breakdown

By month, as a chart or list.

Per tenant

Account selector with resource counts.

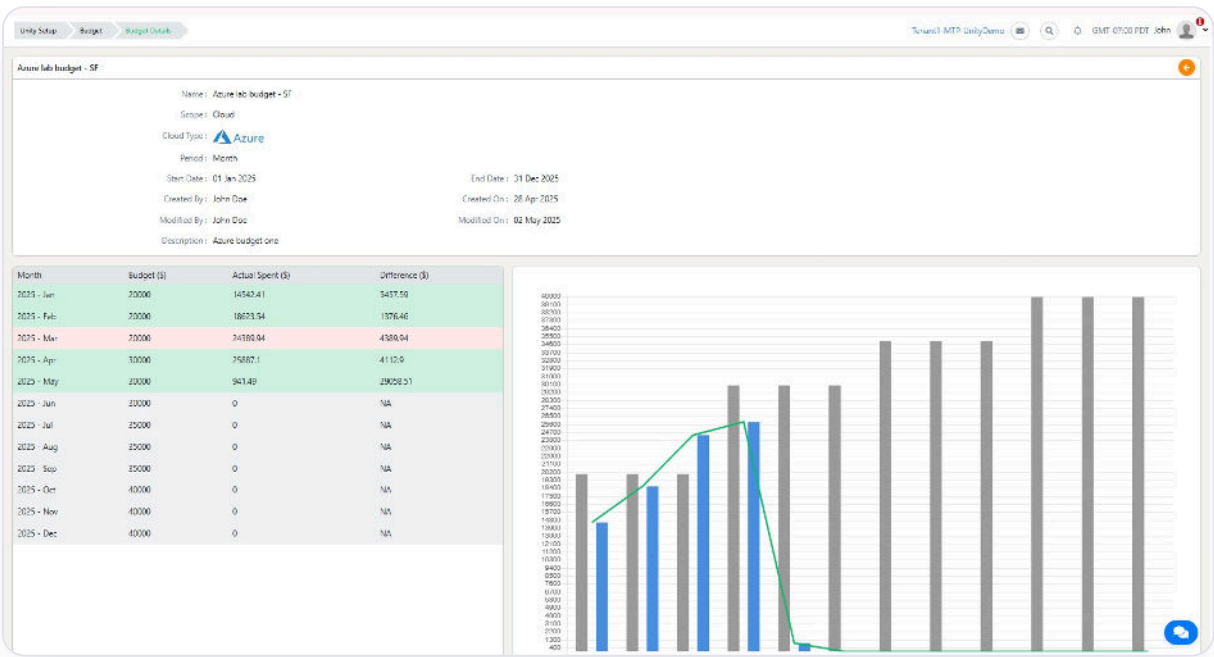
Average cost by cloud

Share of spend per provider.

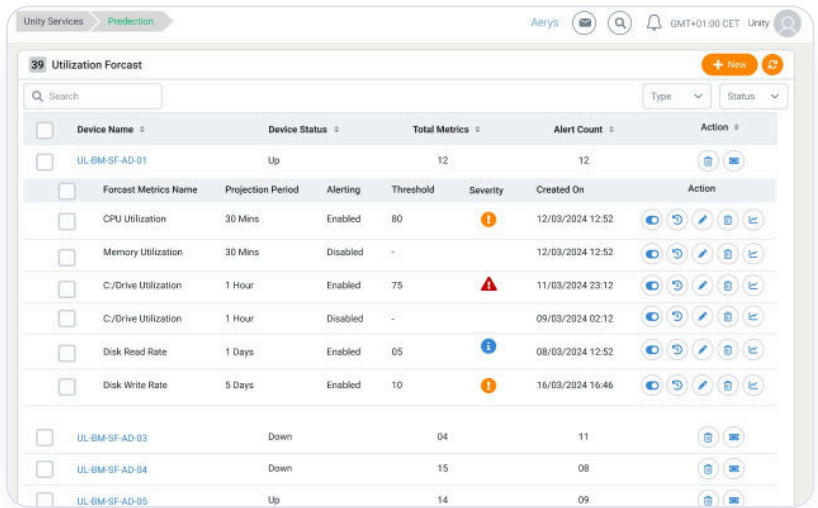
BUDGETING AND FORECASTING

Budget versus actual, and what comes next

Create budgets by scope and period, track budget versus actual versus difference, and forecast any metric with thresholds and auto remediation.



Budget detail with monthly budget, actual and difference.



Forecast list per device and metric.

- Scope**
Cloud type or cloud account; business unit or project.
- Forecasts**
Analysis time frame and projection period.

- Period**
Monthly across a start and end year.
- Actions**
Alerts and auto remediation tasks.

OPTIMIZATION & REMEDIATION

Next-best action, governed

Recommendations by resource, account, region, cloud and service, with category and action. Approved actions are applied automatically.

36 Recommendation							
Enter Keyword				Location	Cloud Type	Service	Account
Resource Name	Account Name	Region	Cloud Type	Service	Cost	Recommendation Category	Recommendation Type
i-05efef3f605bd432c	AWS Lab 10	N. Virginia	AWS	EC2	\$20.25	Unused Resource	CPU
config-bucket-973740096674	Azure Lab SV2	N. California	Azure	VM Instance	\$10.12	Load Balancing	New VM
db-5YKYKA7KRG26PUUEMEV2EHLEE	AWS Lab 15	Oregon	AWS	AKS	\$5.27	Over-provisioned	RAM
i-06efef3f605bd432c	AWS Lab 17	N. California	AWS	Virtual Machine	\$7.28	Rate Optimization	Procure
i-05efef3f605bd432c	Azure Prod SF10	N. California	Azure	RDS IOPS	\$4.58	Architecture	NAT
db-5YKYKA7KRG26PUUEMEV2ASLAF	AWS Lab 10	N. Virginia	AWS	EBS IOPS	\$7.25	Over-provisioned	Upgrade CPU
config-bucket-97374099663387	Azure Prod SV2	Oregon	Azure	DynamoDB	\$2.36	Unused Resource	CPU
config-bucket-977848758549	Azure Prod SV4	N. California	Azure	Container APP	\$2.68	Load Balancing	Clone VM
i-05efef3f605Jh887744596	Azure Prod SV8	N. California	Azure	S3	\$7.58	Rate Optimization	Migrate
i-05efef3f605bd6569685945	AWS Lab 10	N. Virginia	AWS	Database	\$2.56	Architecture	Bandwidth

Optimization recommendations.

Categories

Unused resource, over-provisioned, rate optimization, load balancing, architecture.

Idle and orphaned

Identification and decommissioning.

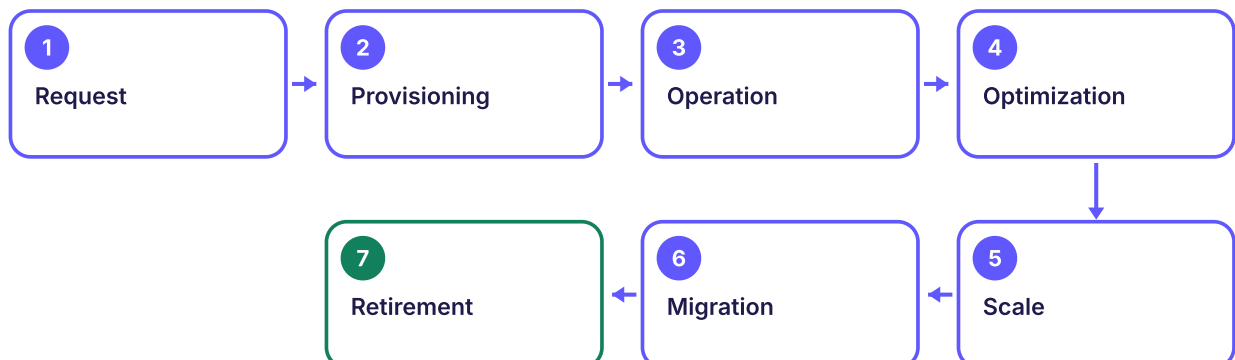
Actions

CPU, RAM, upgrade, new or clone VM, migrate, procure.

Cost-aware migration

Where each workload should run.

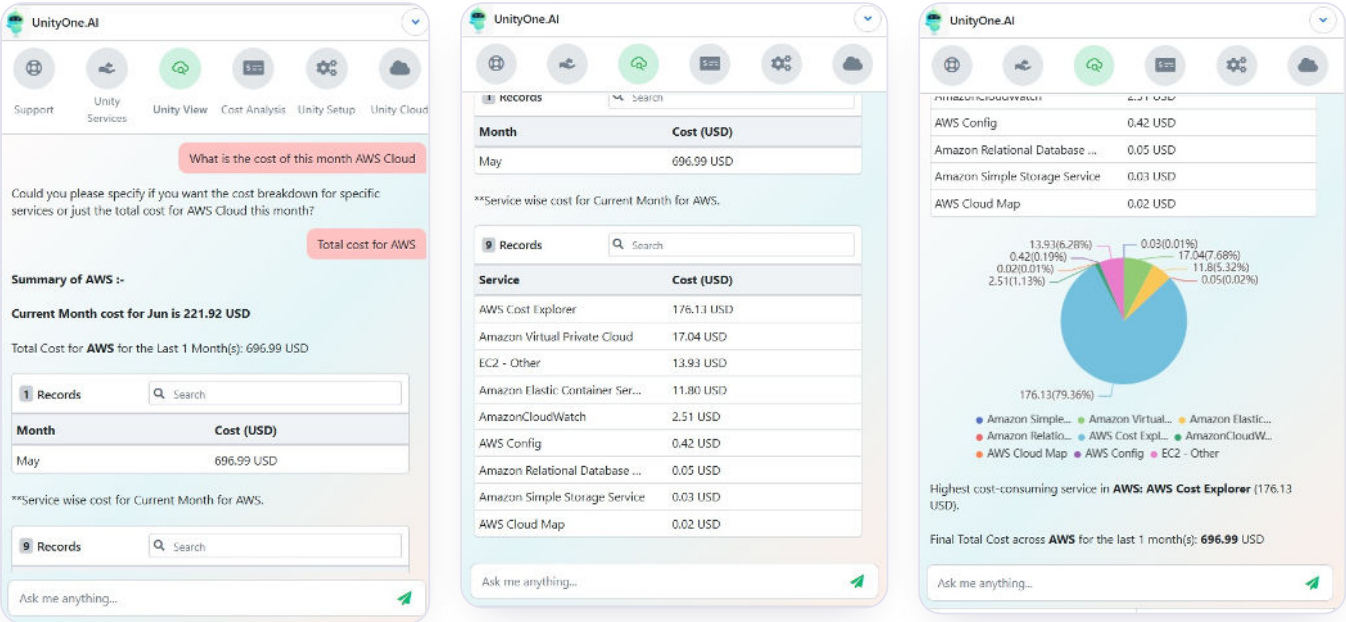
VM lifecycle with cost insights



GENAI FINOPS

Ask your cost data anything

A private-LLM assistant answers cost questions with tables and charts.



Monthly totals

Current and previous month per cloud.

Charts

Cost share by service.

Service-wise cost

Every service in a searchable table.

Follow-ups

Clarifying questions when a request is ambiguous.

Technical specifications at a glance

What Cerne™ FinOps connects, models and automates.

Area	Specification
Public cloud	AWS, Microsoft Azure, Google Cloud, Oracle Cloud
Private and on-premises	VMware, Hyper-V, OpenStack, OpenShift, bare metal, data center
Containers	Kubernetes and container environments
Context	ServiceNow CMDB relationships, tags, catalog variables
Cost model	Building blocks for compute, storage, network, backup, software, operational and fixed costs; hourly, daily or monthly rates
Allocation	Unit economics, service mapping, shared and dedicated, showback and chargeback
Control	Budgets by scope, threshold alerts, AI/ML forecasting, anomaly detection
Optimization	Rightsizing, idle and orphaned resources, decommissioning, rate optimization, cost-aware migration
Automation	Next-best-action recommendations, approved remediation, ServiceNow escalation
AI	Private-LLM GenAI assistant
Deployment	SaaS or on-premises as part of Cerne™; multi-tenant

CUSTOMER STORY

A European logistics company gains unified FinOps across ~2,000 resources

The challenge

- ❗ No consolidated view of hybrid and multicloud infrastructure
- ❗ Resource and cost oversight split across VMware, Hyper-V, Azure and AWS
- ❗ No dedicated FinOps operating model
- ❗ Teams struggled with allocation, budgeting, optimization and accountability

The solution

- ✓ Unified discovery and visibility across VMware, Hyper-V, Azure and AWS
- ✓ Normalized cloud and infrastructure cost data
- ✓ Cost allocation, tagging, showback and chargeback workflows
- ✓ Cost calculators, budget monitoring, anomaly detection and optimization insights
- ✓ AI-assisted rightsizing, savings recommendations and automated remediation

25–35%

Cloud-cost savings

~2,000

Resources in one view

4

Platforms unified

7-stage

VM lifecycle with cost insights

Deployed through a GSI partnership. Results as published on unityone.ai; results vary by environment.

GET STARTED

See Cerne™ FinOps in action

Explore the platform hands-on in the UnityOne AI Playground, or talk to our team about bringing every cloud and data center cost into one accountable view.

▶ Enter Playground

✉ Contact Us

Email: contact@unityone.ai · Playground: cerne.unityone.ai · Sales: unityone.ai/contact-us