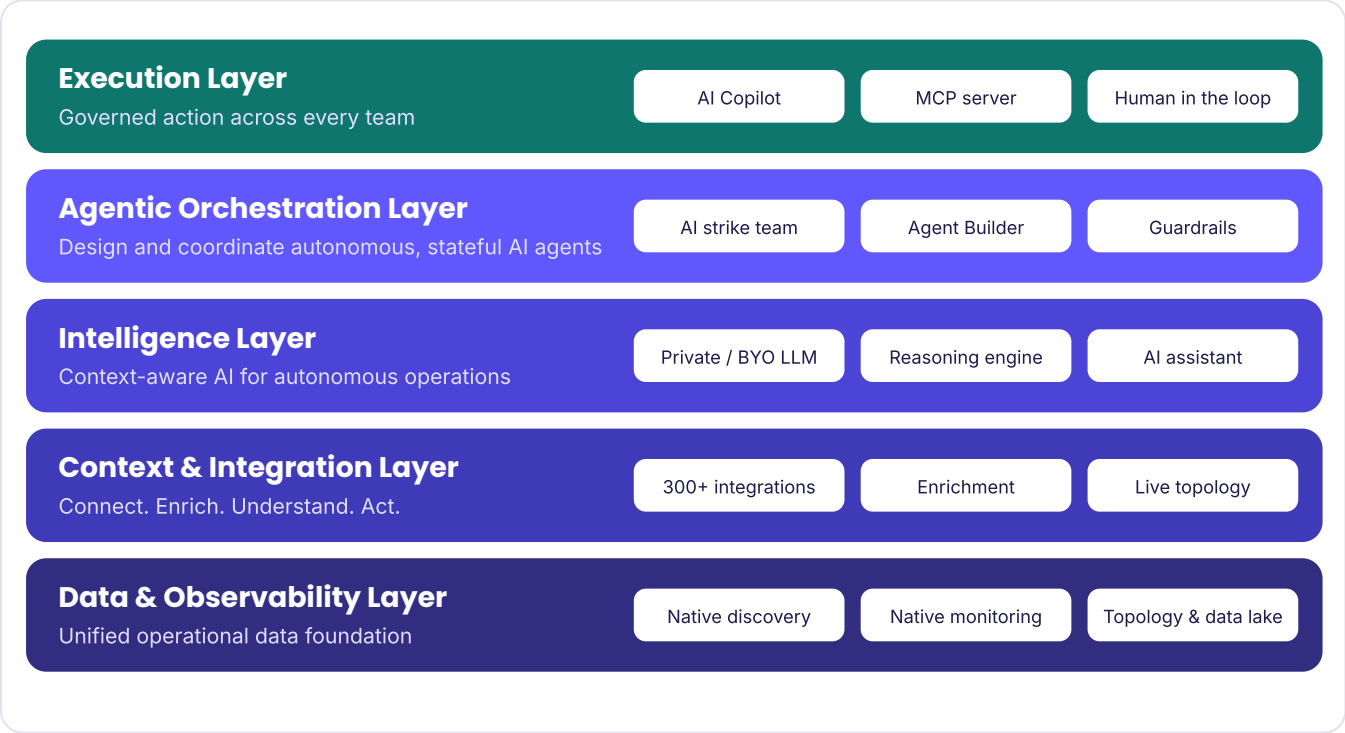
CERNE™
Agentic Cloud Management

TECHNICAL BROCHURE · AGENTIC INTELLIGENCE PLATFORM

The Agentic Cloud Management Platform

★ The industry's most comprehensive cloud management platform

An Agentic Cloud Management Platform to discover, monitor, manage, and autonomously operate hybrid and multicloud.



100+
Prebuilt agentic workflows

300+
Integrations

350+
Global customers

10+
Global points of delivery

© Copyright 2026 By UnityOne AI | www.unityone.AI

PLATFORM OVERVIEW

The industry's most comprehensive cloud management platform

Six major modules plus built-in discovery, CMDB, observability and more. Cerne™ replaces 50+ siloed tools with one AI-driven control plane to discover, observe, govern, optimize and autonomously operate hybrid and multicloud infrastructure.

Module	Scope
DCIM	Capacity, power, assets, networking and environment monitoring for physical infrastructure
Multicloud AIOps	Full-stack observability, AI correlation, root cause analysis, anomaly detection, automated remediation
HCMP	Discovery, cloud and Kubernetes management, self-service catalogs, policy orchestration
FinOps	Cost analytics, showback and chargeback, budgeting, forecasting, optimization engine
GreenOps	Carbon analysis, power optimization, end-of-life efficiency, sustainability reporting
GenAI	Natural-language assistant across every module

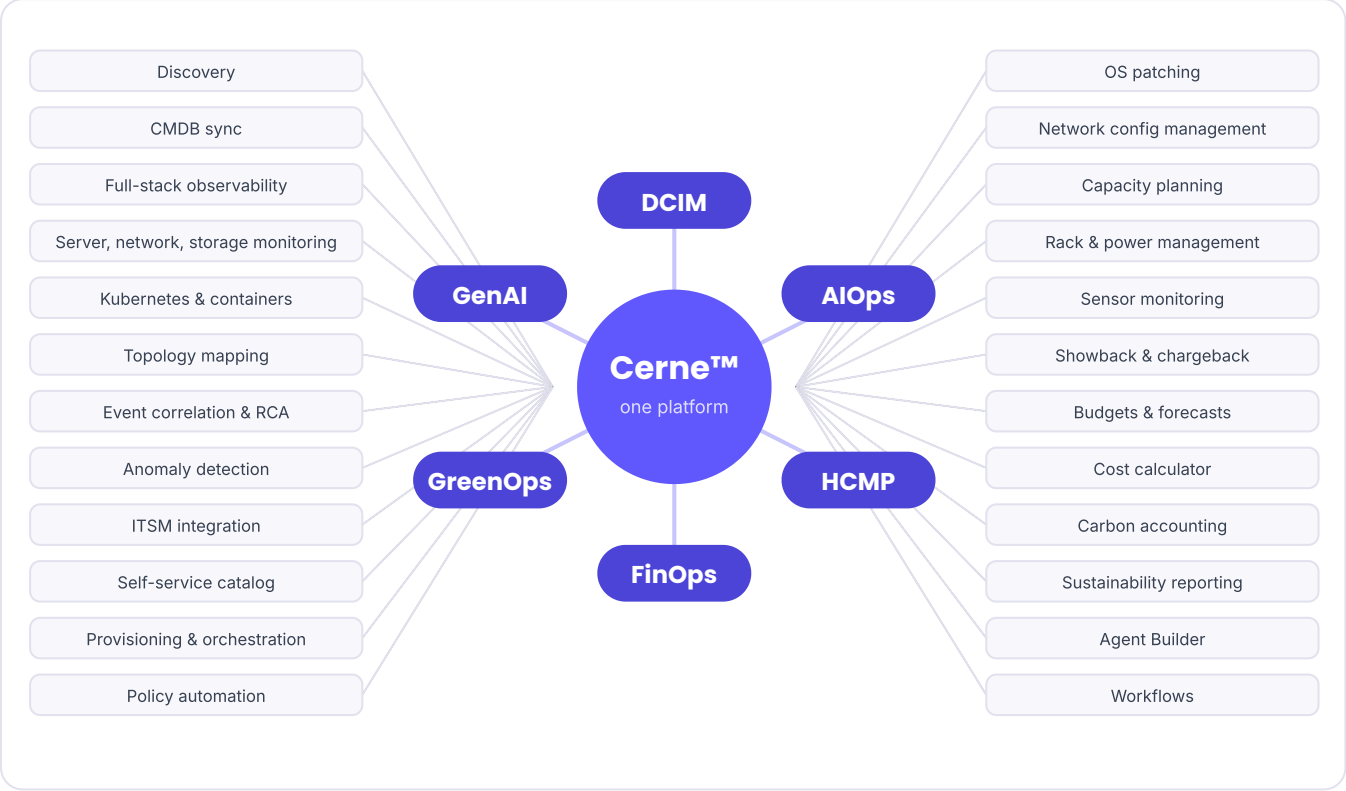
Plus built-in capabilities

Discovery · CMDB sync · Full-stack observability · Server, network, storage monitoring · Kubernetes & containers · Topology mapping · Event correlation & RCA · Anomaly detection · ITSM integration · Self-service catalog · Provisioning & orchestration · Policy automation · OS patching · Network config management · Capacity planning · Rack & power management · Sensor monitoring · Showback & chargeback · Budgets & forecasts · Cost calculator · Carbon accounting · Sustainability reporting · Agent Builder · Workflows · Security & compliance

© Copyright 2026 By UnityOne AI

PLATFORM OVERVIEW

Everything in one control plane



Cross-platform capabilities

Agent Builder
Low-code agents, skills and workflows.

Multi-agent orchestration
Agents that work together.

Full-stack observability
Every layer, one stream.

Security & compliance
RBAC, audit and guardrails.

Autonomous remediation
Fixes run within policy.

Stateful AI reasoning
Context carried across steps.

Discovery & CMDB sync
Inventory that stays current.

Scale with governance
Policies that grow with you.

© Copyright 2026 By UnityOne AI

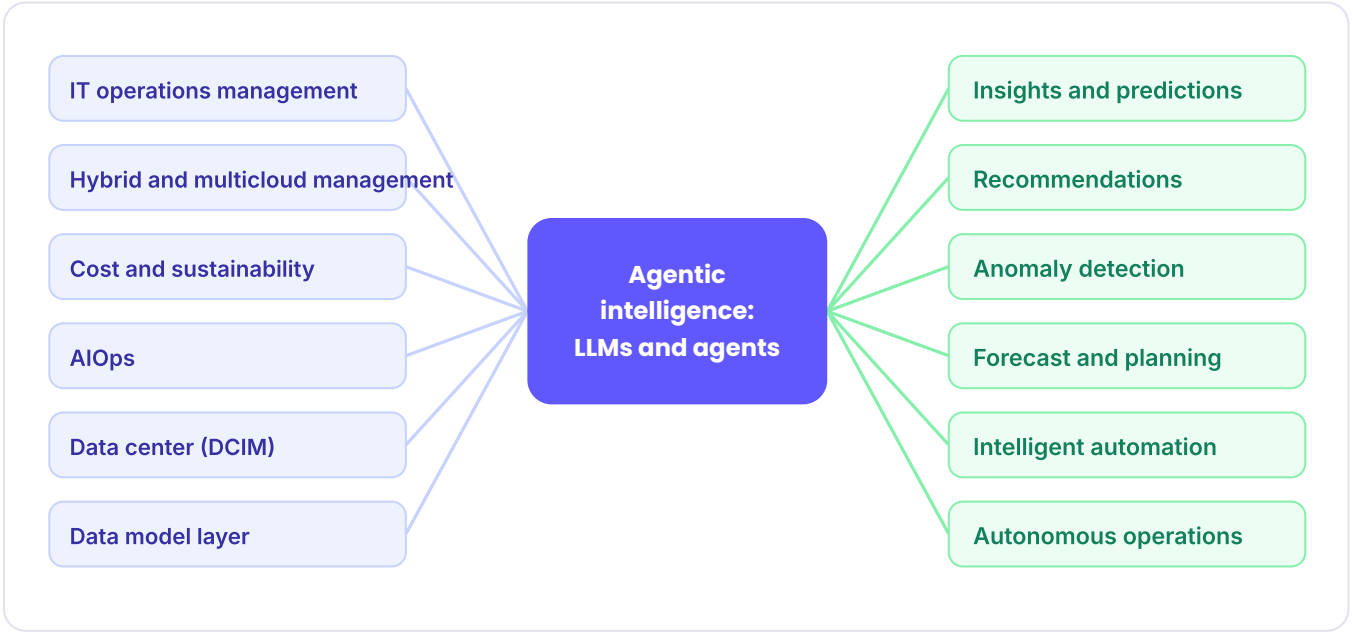
REFERENCE ARCHITECTURE

Five layers of the Agentic Intelligence Platform

Autonomous cloud operations for DevOps, IT operations, security, business, FinOps and sustainability teams.

Layer	Components
Execution	UnityOne AI Copilot; MCP server with 300+ tools; human in the loop; secure external connectors (ITSM, SIEM, collaboration, DevOps automation)
Agentic orchestration	Agentic workflows; build your own agents; AI strike team; digital twin; NOC, CloudOps, Database Ops, patching and FinOps agents
Intelligence	Private LLM and BYO LLM; knowledge graphs; AI assistant; AI query deep research; reasoning and analysis engine; predictive intelligence; multicloud stateful analytics from DCIM, AIOps, FinOps, GreenOps, hybrid cloud management and DevSecOps
Context & integration	Secure tool and API access; secure external connectors; data integration layer; contextual intelligence engine; dynamic topology; real-time event streaming
Data & observability	Native discovery; native monitoring; metadata (logs, events, traces, metrics); knowledge graphs, service flows and topology; data lake; 300+ sources for event ingestion

From data sources to use cases

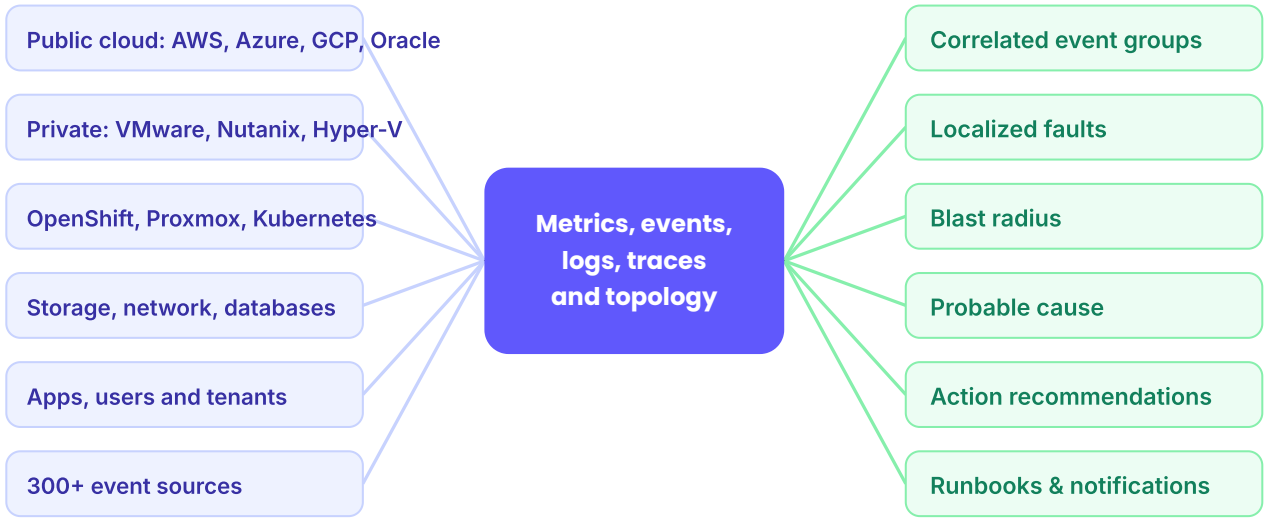


© Copyright 2026 By UnityOne AI

DATA & OBSERVABILITY LAYER

A unified operational data foundation

Every metric, event, log, trace, topology change, user and tenant, from infrastructure, public clouds and private clouds.

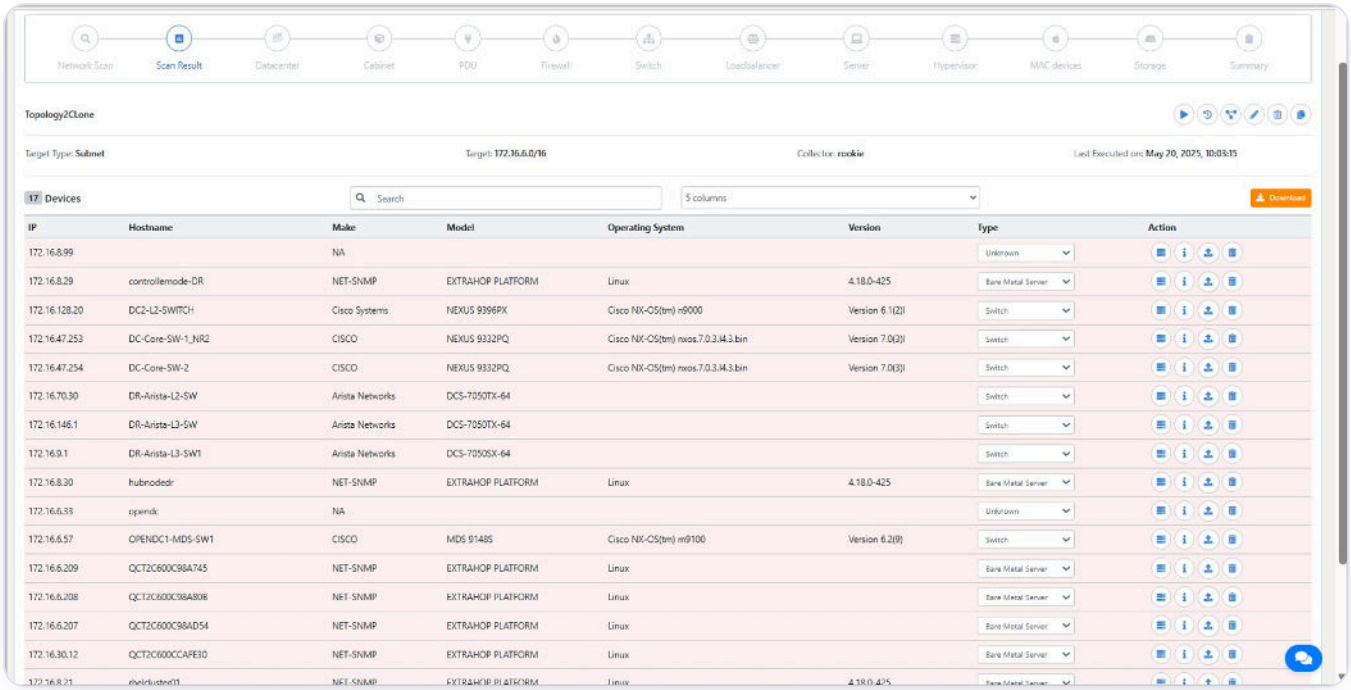


Stage	What happens
Sources	Storage, network, database platforms, apps and integrations; AWS, Azure, Google Cloud, Oracle; VMware, Nutanix, Hyper-V, OpenShift, Proxmox
Log processing	Natural-language processing of logs, tickets and collaboration tools
Metric processing	AI-driven model selection, variance analysis, dynamic thresholds
Event processing	Event clustering, seasonal analysis and suppression, weighted probable cause
Topology	Dynamic dependency mapping; real-time and historical topology analysis; probable cause visualization
Outputs	Correlated event groups, localized faults, blast radius, action recommendations; chatbots, notifications, runbooks

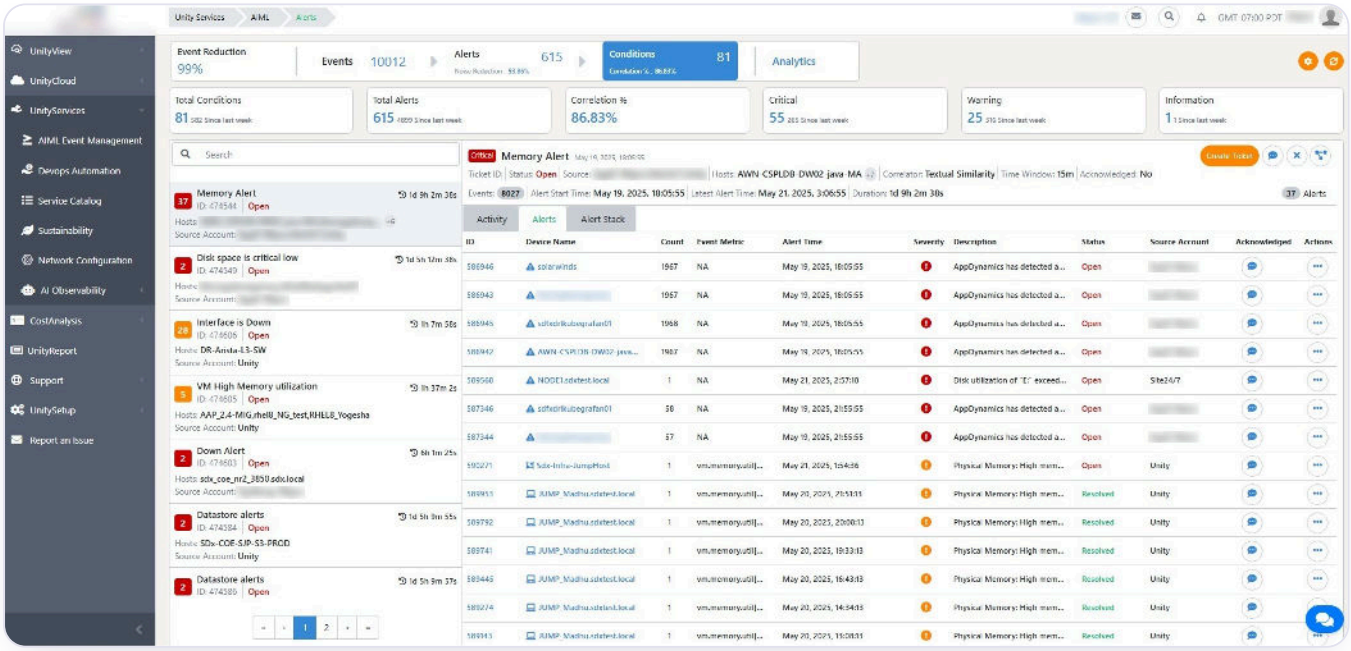
© Copyright 2026 By UnityOne AI | www.unityone.AI

DATA & OBSERVABILITY LAYER

Discovery and correlation in the product



Native discovery: devices by subnet with make, model, operating system and version.



Event correlation: thousands of events reduced to a handful of conditions.

CONTEXT & INTEGRATION LAYER

Connect. Enrich. Understand. Act.

The intelligence backbone that transforms fragmented IT data into actionable, AI-ready context.

Universal integration fabric
300+ integrations across ITSM, cloud, observability and security tools.

Contextual intelligence engine
Correlates logs, metrics, events and traces; AI-driven insights and noise reduction.

Dynamic topology mapping
Auto-discovers dependencies; maps app to service to infrastructure.

Real-time event streaming
Continuous event ingestion with low-latency processing.

Normalization and enrichment
Unifies logs, metrics and events into one consistent model.

Single source of truth
A unified data foundation for AI and reliable insight.



Dynamic topology of a private cloud, with dependencies and status.

~70%	Faster	Reduced	Improved
Noise reduction	**Root cause analysis**	**MTTR**	**Visibility**

CONTEXT & INTEGRATION LAYER

Integrations that act, not just ingest

Secure connectors let agents read context from, and take action in, the tools you already run.



ITSM integrations, including ServiceNow, BMC Helix, Jira and ManageEngine.



A ServiceNow catalog flow: update the request, provision an Azure VM, close the request.

ITSM
Tickets, catalog requests and CMDB.

SIEM
Security events and response.

Collaboration
Notifications and chatbots.

DevOps automation
Ansible, Terraform, Jenkins and more.

INTELLIGENCE LAYER

Context-aware AI for autonomous operations

Private LLM / BYO LLM
Secure enterprise models; data sovereignty and isolation.

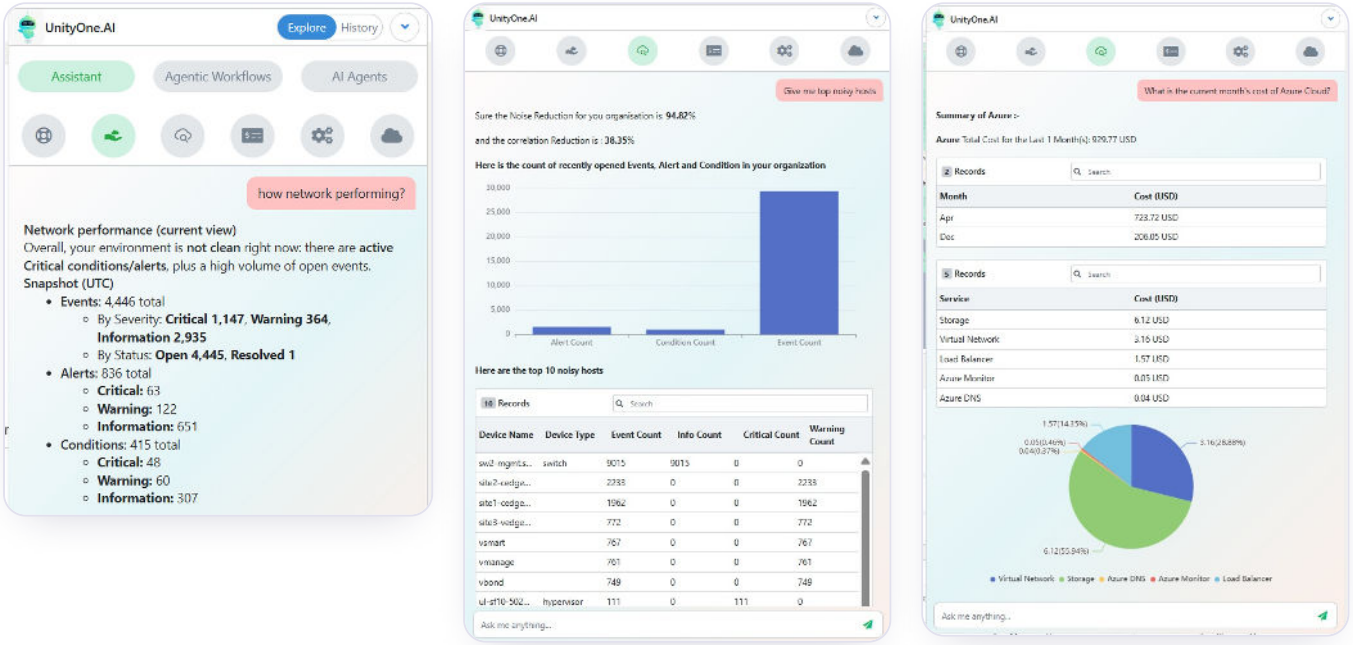
Knowledge and context
Knowledge graphs, service topology mapping, context enrichment engine.

AI assistant
Natural-language queries and conversational analytics.

AI query deep research
Deep analysis, multi-step reasoning, root cause, data correlation.

Reasoning and analysis engine
Multi-step reasoning, root cause analysis, decision intelligence.

Predictive intelligence
Forecasting and anomaly prediction; proactive detection; recommendations.

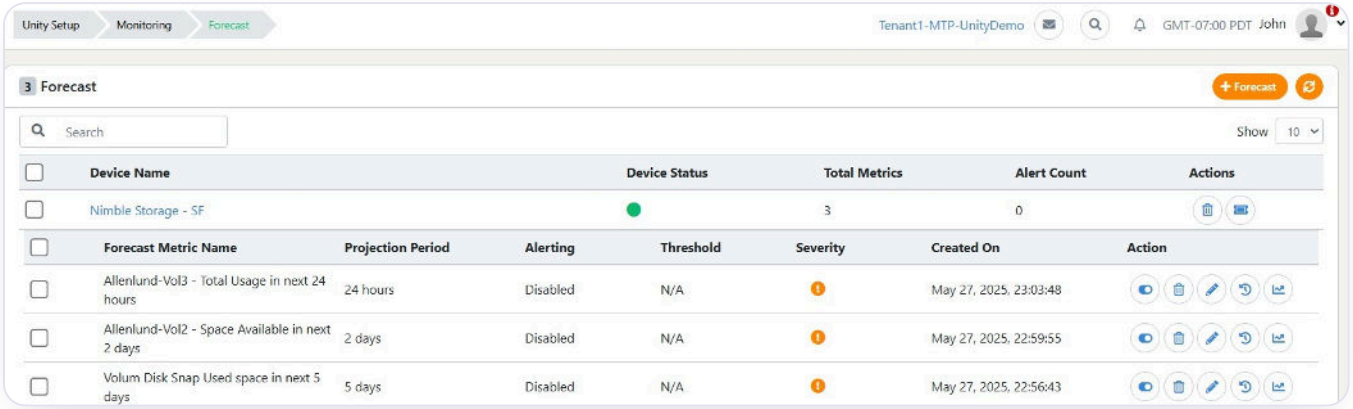


The AI assistant answering network, incident and cost questions.

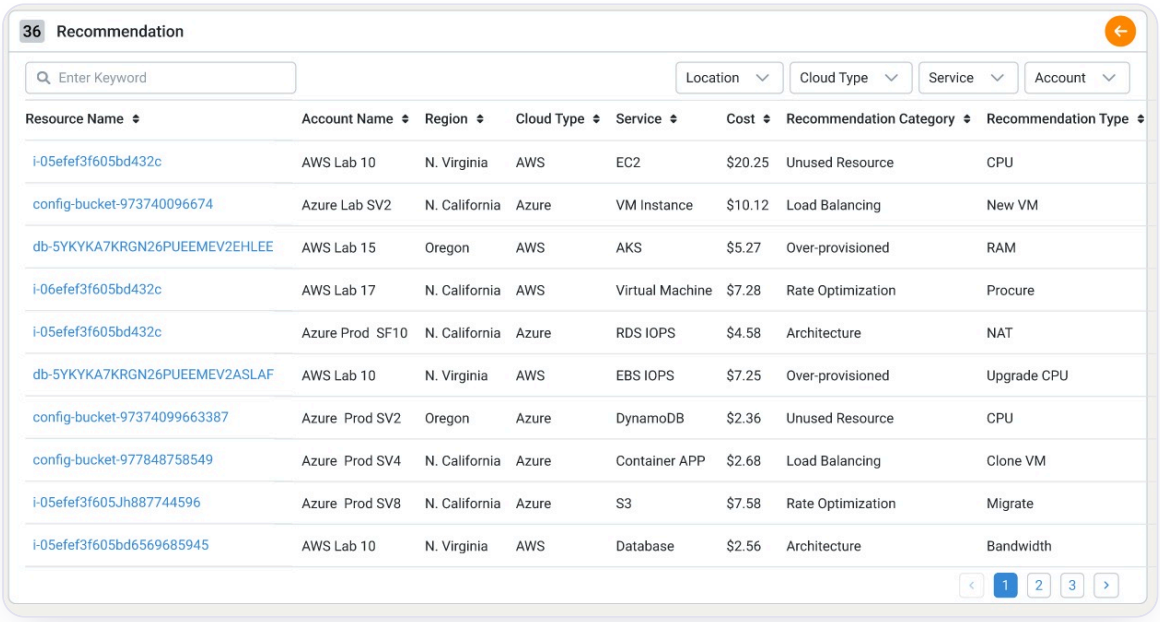
INTELLIGENCE LAYER

Multicloud stateful analytics and prediction

Stateful insight drawn natively from DCIM, AIOps, FinOps, GreenOps, hybrid cloud management and DevSecOps, so the AI reasons across domains.



Predictive alerting: forecasts per device and metric, with thresholds and severity.



AI-driven recommendations by resource, account, region, cloud and service.

© Copyright 2026 By UnityOne AI

AGENTIC ORCHESTRATION LAYER

Design and coordinate autonomous, stateful AI agents

AI strike team

NOC agent
Incident detection and response.

SOC agent
Threat hunting and remediation.

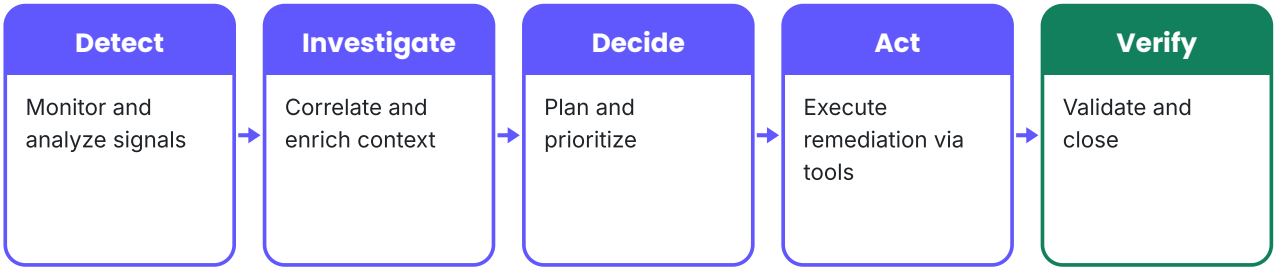
CloudOps agent
Scaling, healing and drift management.

FinOps agent
Cost optimization.

Patching agent
Vulnerability remediation.

Custom agent
Build your own.

Agentic AI workflow



AI agent brain

- Stateful and context aware
- Reasoning, decision making and learning
- Creates workflows
- Takes actions via tools
- Cross-agent collaboration

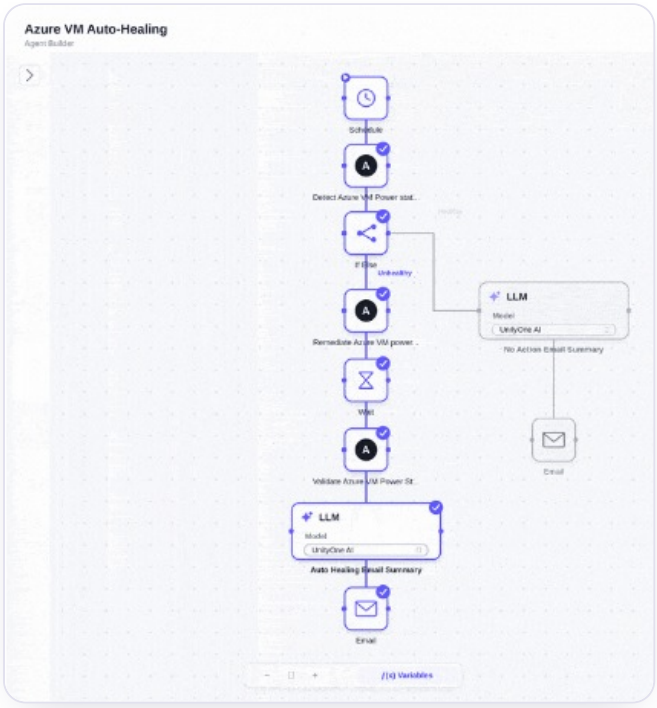
Agent Builder and control plane

- Low-code Agent Builder
- Policy-driven guardrails
- Observability and monitoring
- Audit and RBAC control
- 100+ prebuilt agentic workflows

© Copyright 2026 By UnityOne AI

AGENTIC ORCHESTRATION LAYER

Agents and workflows in the product



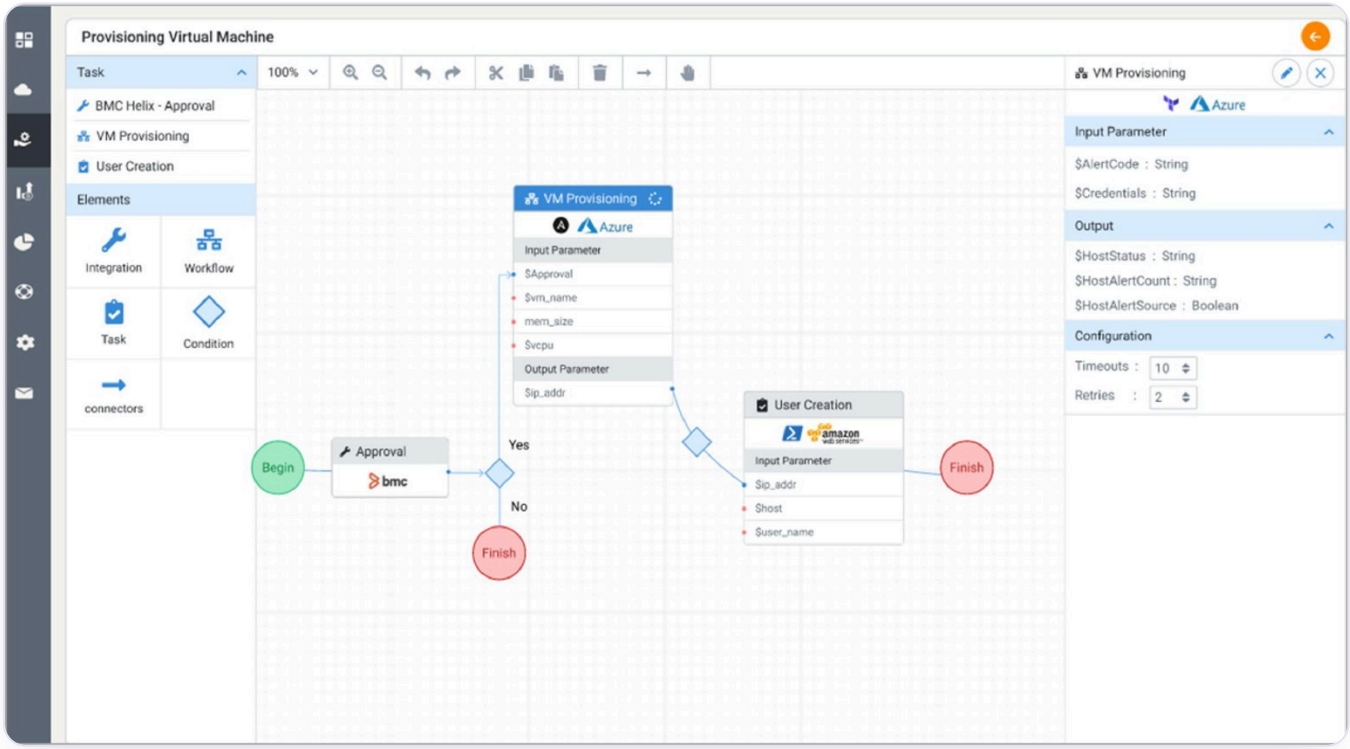
Agent Builder: Azure VM auto-healing with LLM summary and email.

Schedule or event triggered
Runs on a schedule, alert, incident, policy, API call or prompt.

LLM steps
Summaries and decisions inside the workflow.

Action steps
Detect, remediate and validate.

Notify
Email the outcome to the owner.



A composable workflow: BMC Helix approval, Azure VM provisioning and AWS user creation.

© Copyright 2026 By UnityOne AI | www.unityone.AI

EXECUTION LAYER

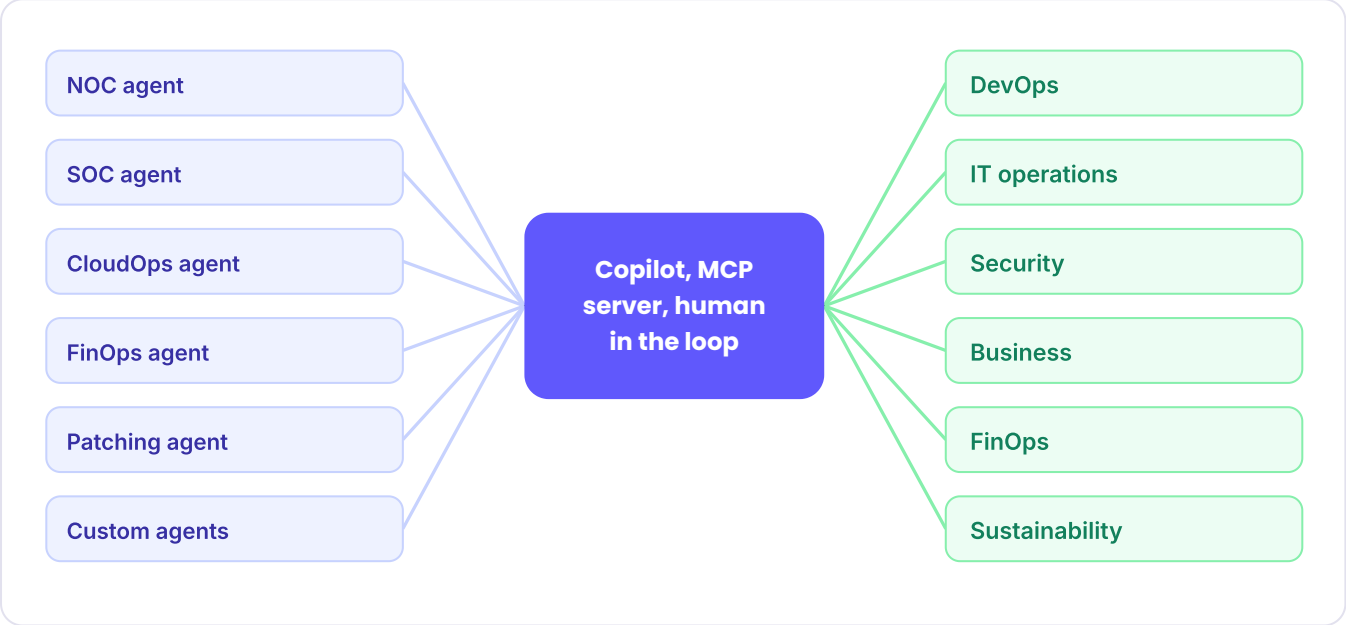
Governed action across every team

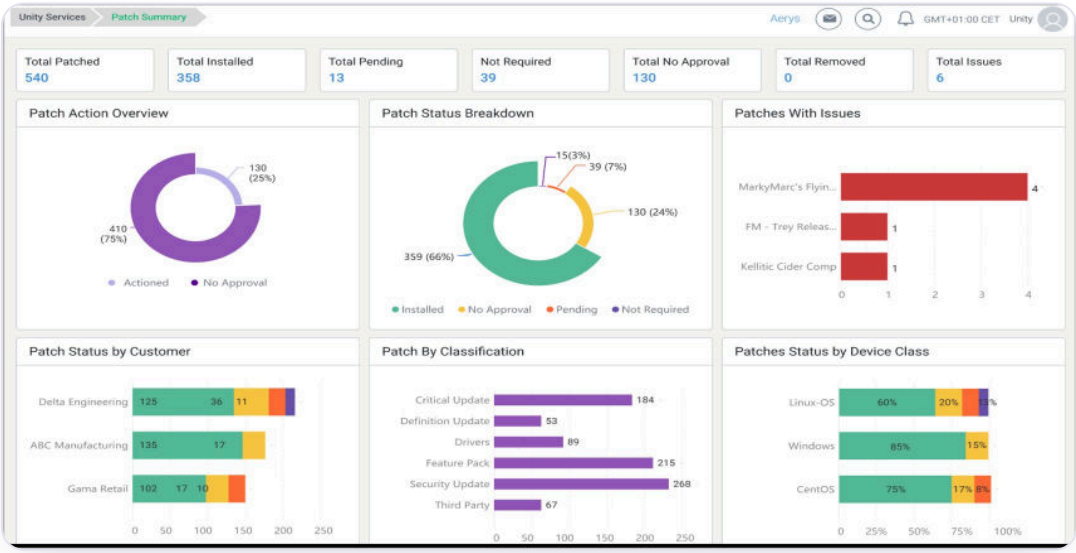
UnityOne AI Copilot
Ask, decide and act from one conversation.

MCP server, 300+ tools
Secure tool and API access for agents.

Human in the loop
Approvals for sensitive changes.

Secure external connectors
ITSM, SIEM, collaboration and DevOps automation.





Execution example: OS patching tasks run across servers.

Technical specifications at a glance

What Cerne™ connects, understands and executes.

Area	Specification
Coverage	Data centers; private clouds (VMware, Nutanix, Hyper-V, OpenStack, OpenShift, Proxmox); public clouds (AWS, Azure, Google Cloud, Oracle); Kubernetes; network; storage; databases; apps
Data	Metrics, events, logs, traces, topology, users and tenants; 300+ event sources; data lake
Integrations	300+, including ITSM, SIEM, collaboration, observability, cloud and DevOps tools
AI models	Private LLM or bring your own LLM; public cloud LLM option
Agents	NOC, SOC, CloudOps, FinOps, patching, database ops and custom agents; 100+ prebuilt workflows
Tooling	MCP server with 300+ tools; low-code Agent Builder
Governance	Human in the loop, policy-driven guardrails, audit, RBAC, SSO, MFA, multi-tenancy
Scale	350+ global customers; 10+ global points of delivery

> **Leader and Outperformer, GigaOm Radar for Cloud Management Platforms 2025.** *"UNITYONE.AI stands out as a comprehensive cloud management platform by bridging on-premises automation with multicloud orchestration."*

GET STARTED

See Cerne™ in action

Explore the Agentic Cloud Management Platform hands-on in the UnityOne AI Playground, or talk to our team about autonomous operations for your hybrid and multicloud estate.

Enter Playground **Contact Us**

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

© Copyright 2026 By UnityOne AI | www.unityone.AI