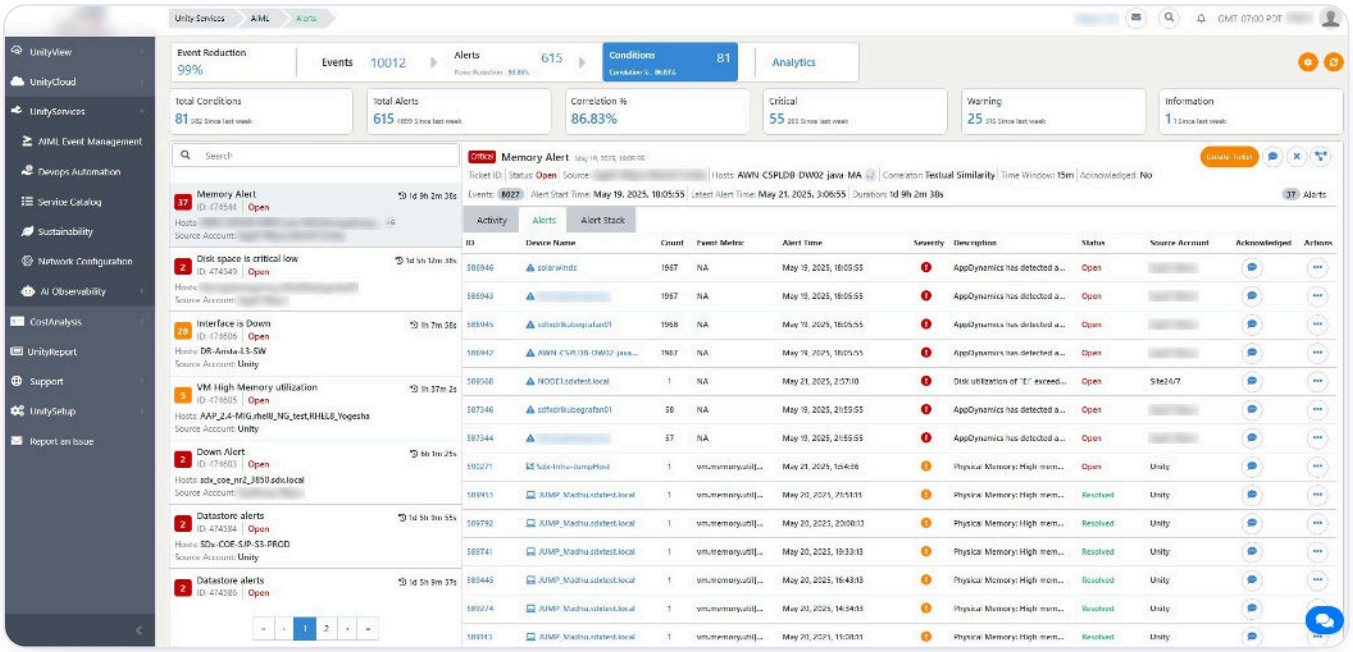
TECHNICAL BROCHURE · MULTICLOUD AIOPS

AI-powered IT Operations

Turn alert noise into resolved incidents, with AI that investigates, acts and stays within the limits you set.



Event correlation and alert stack.

85%
L1/L2 resolved autonomously

20–30%
Faster MTTR

~70%
Alert noise eliminated

40–60%
Less manual overhead

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PLATFORM OVERVIEW

AIOps capabilities

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

Area	Capabilities
Discovery & CMDB	Continuous updates of discovered CI attributes; CMDB update
Event management	Monitoring event consolidation; external event ingestion; third-party monitoring integration
Correlation	Deduplication and correlation by topology, timestamp and textual similarity; single and cross domain
Detection	Anomaly detection; predictive alerting; change risk and impact analysis
ITSM	Auto ticketing with ServiceNow; bi-directional incident sync; routing and escalation
Remediation	Automation tasks in Shell, Bash and Python; Ansible Tower jobs via REST API
Notifications	Email and SMS
Cost	Integration with public cloud cost analysis
Access	Role-based access, SSO, MFA, tenants, user groups and permission sets

Sources it connects

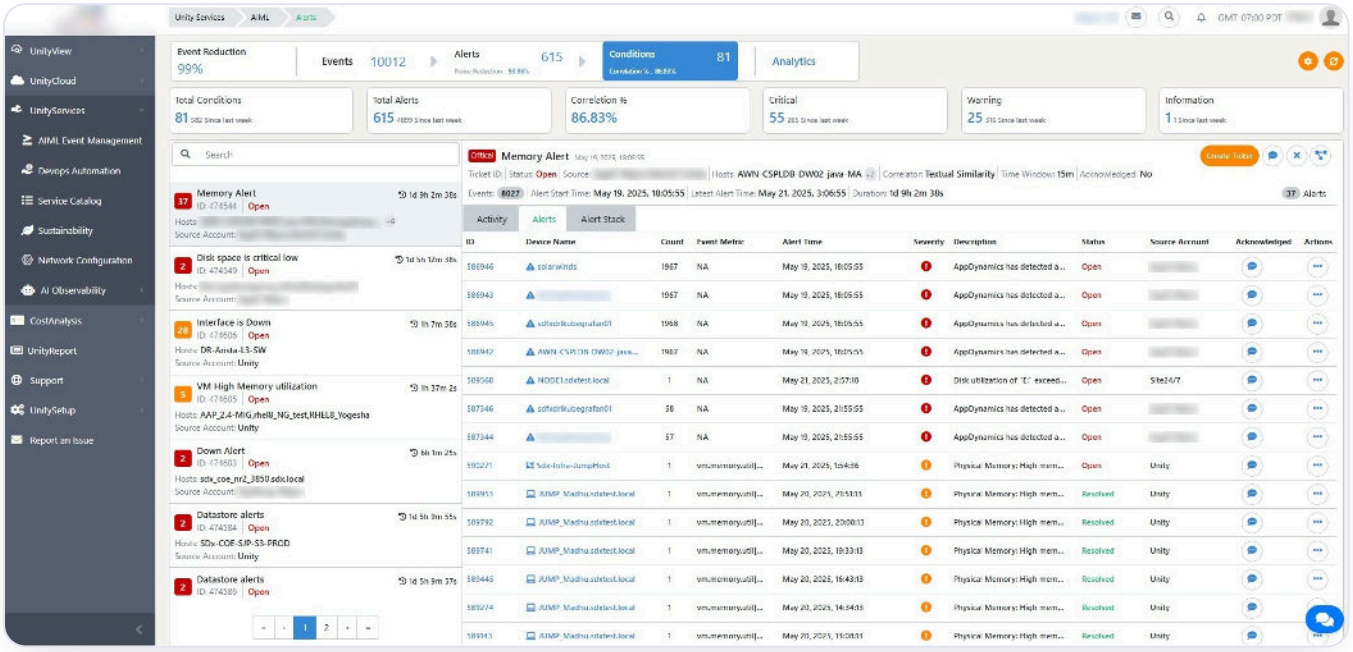
On-premises infrastructure · Private & colo · Public cloud · Kubernetes & Docker · Servers, storage, networks · Databases · Racks, PDUs & sensors · APM tools · Security tools · Collaboration tools · SSO & MFA

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EVENT CORRELATION

Alert storms into actionable incidents

Correlate alerts, reduce noise and get root cause analysis in seconds, with the complete reasoning behind each diagnosis.



Event correlation: 10,012 events to 615 alerts to 81 conditions.

Correlators
Topology, timestamp and textual similarity.

Alert stack
Every related alert in one incident.

Create ticket
Raise the incident in ITSM in one click.

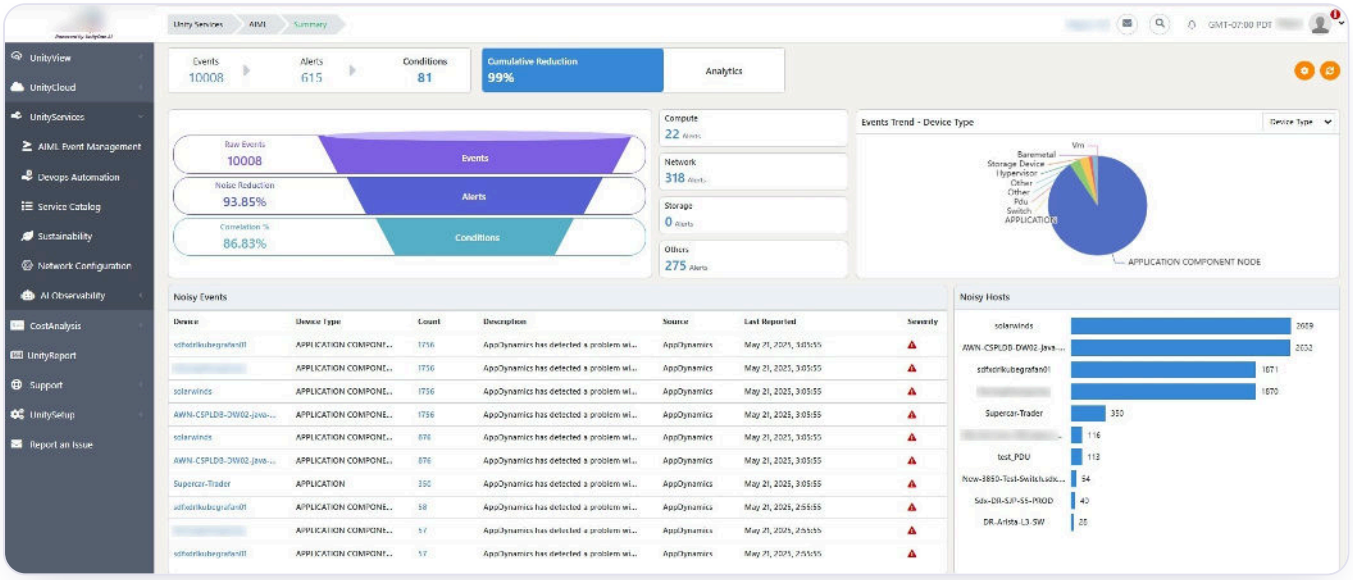
Explained RCA
The reasoning behind the diagnosis.

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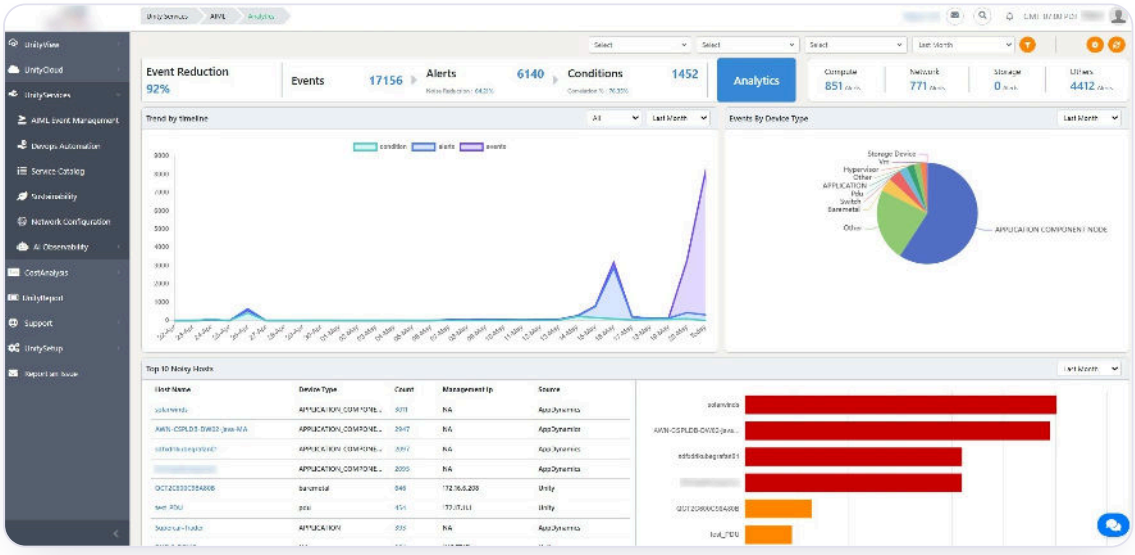
EVENT AND INCIDENT DASHBOARD

Events, alerts and conditions at a glance

A funnel from raw events to conditions, with noisy events, noisy hosts and event trends by device type.



Event and incident dashboard.



Event analytics: trend by timeline and events by device type.

Event reduction funnel
Events, alerts, conditions.

Noisy events and hosts
The biggest sources of noise.

By device type
Compute, network, storage and others.

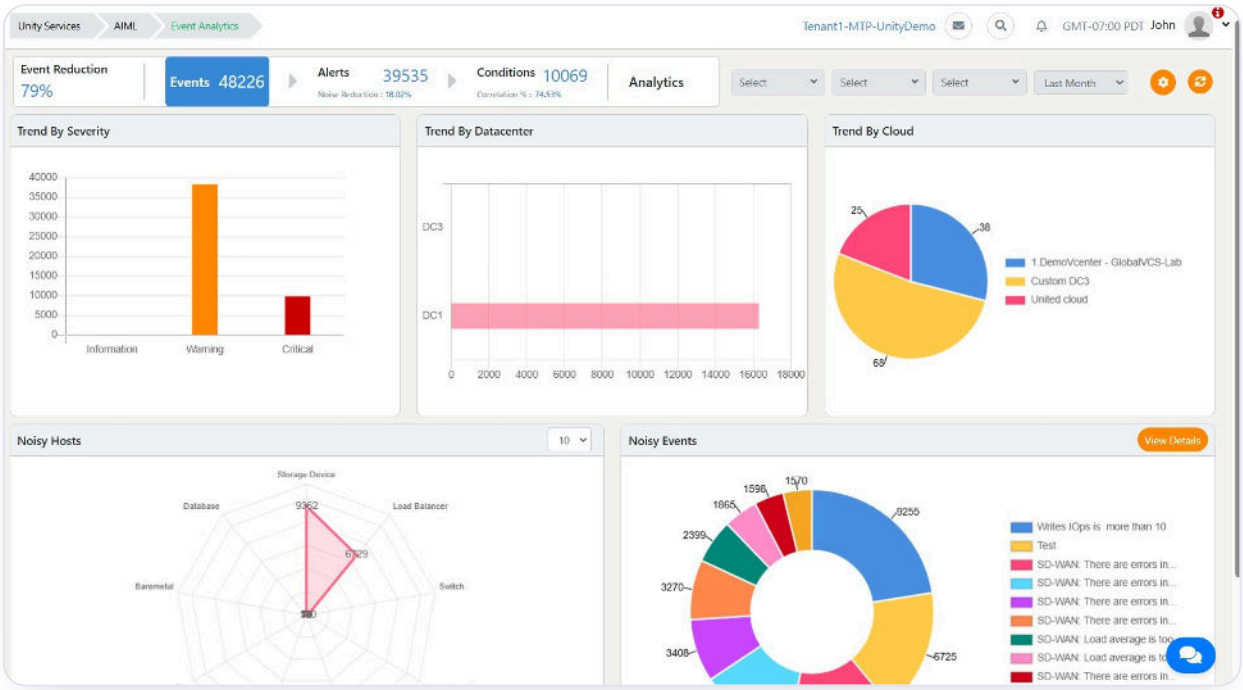
Consolidated view
Every tool in one dashboard.

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EVENT ANALYSIS

Where noise comes from

Trends by severity, data center and cloud, with noisy hosts and noisy events.



Event analysis.

By severity
Information, warning and critical.

By data center and cloud
Spot the noisiest locations.

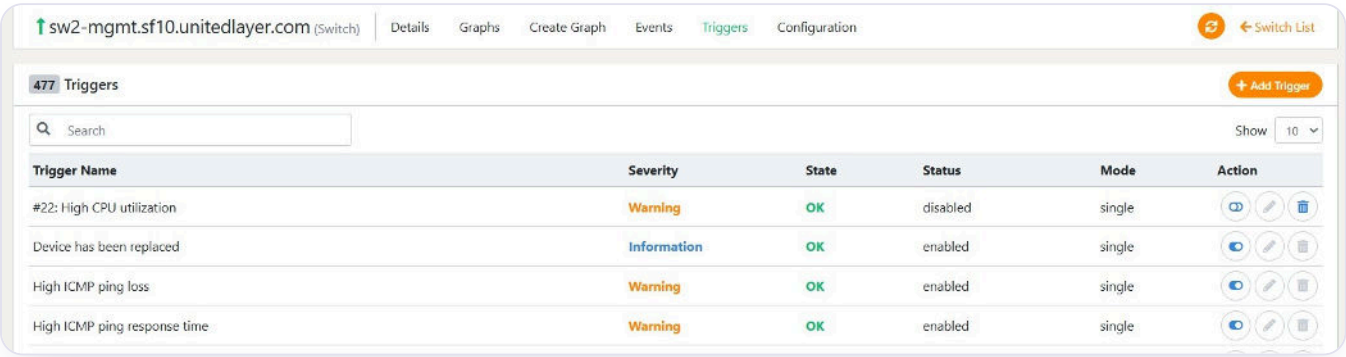
Noisy hosts
By device type.

Noisy events
By event description.

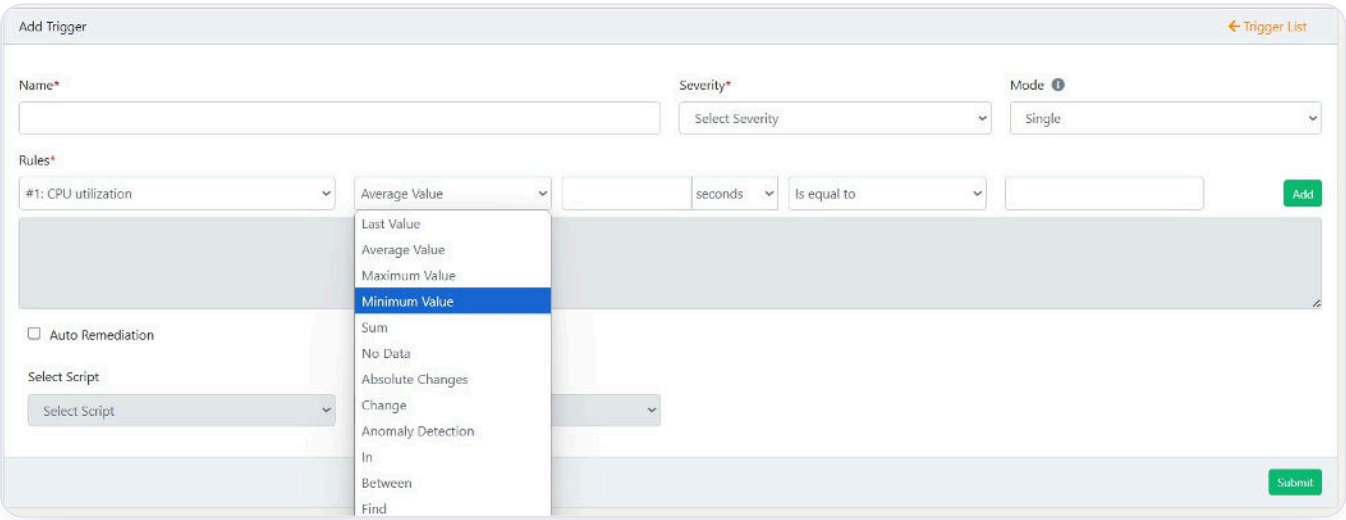
TRIGGER CUSTOMIZATION

Rules that match how you operate

Build triggers with severity, mode and rule functions, including anomaly detection, and attach auto-remediation scripts.



Trigger list.



Add a trigger.

Rule functions
Last, average, min, max, sum, no data, change, anomaly detection.

Severity and mode
Single or multiple events.

Auto remediation
Run a selected script with credentials.

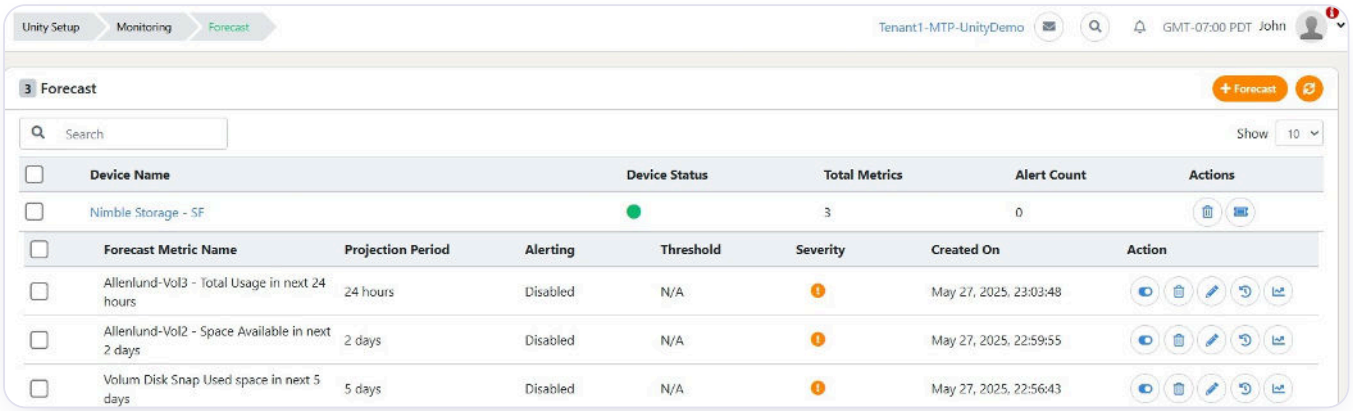
Enable or disable
Manage triggers per device.

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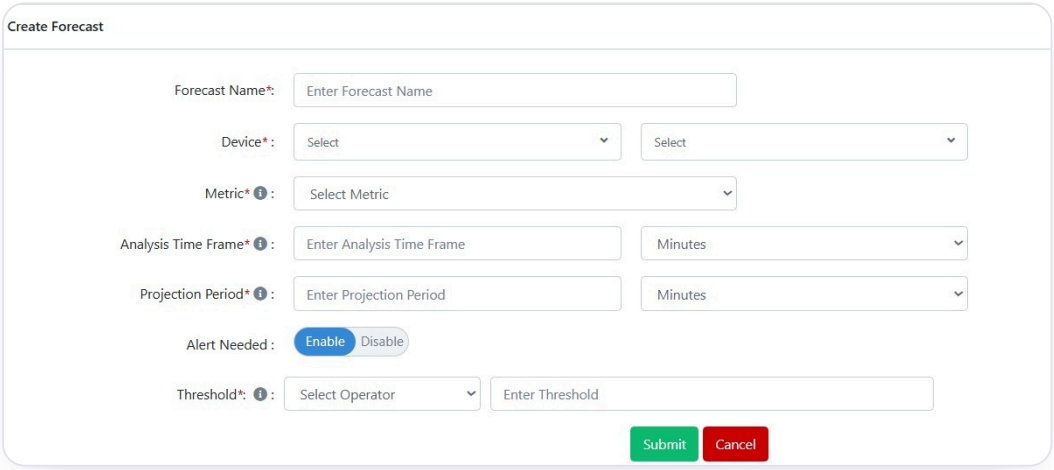
PREDICTIVE ALERTING

Forecast before you breach

Create forecasts for any device and metric, with analysis time frame, projection period and threshold.



Forecast list.



Create a forecast.

Forecasts per metric
For example, volume space available in two days.

Thresholds
Operator and value per forecast.

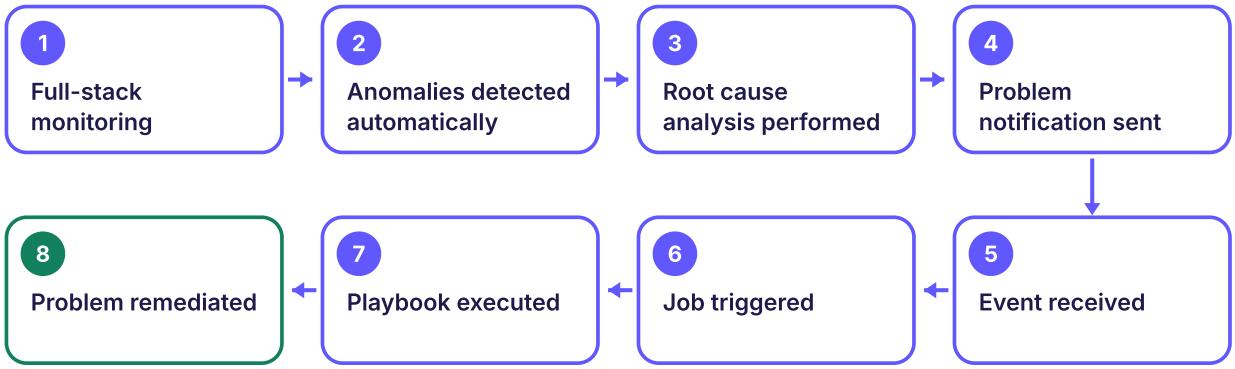
Alerting
Enable alerts per forecast.

Projection periods
Minutes to days.

AUTOMATION & REMEDIATION

From detection to remediation

Codify what your best on-call engineers already know. Every action is policy-bound, gated and logged.



Scripts
Shell, Bash and Python automation tasks.

ITSM
Auto ticketing with ServiceNow, routing and escalation.

Ansible Tower
Invoke jobs via REST API.

Governance
Approvals for high-stakes actions; reversible.

Measurable outcomes



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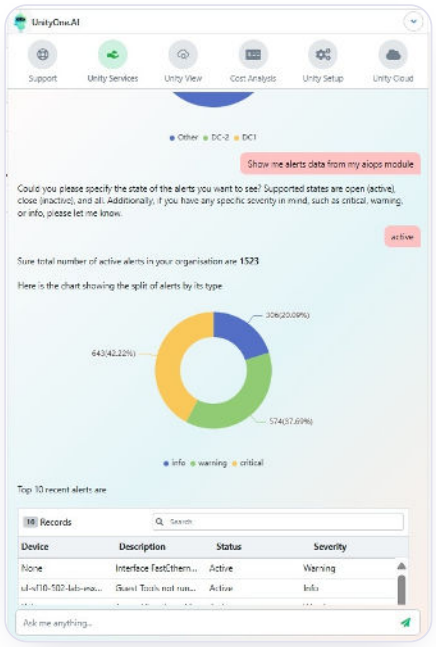
GENAI AIOPS

Ask your monitoring stack anything

A private-LLM assistant and multi-agent investigation, with human-in-the-loop governance.







Noise and correlation
"What is my noise reduction?"

Events and alerts
Splits by severity and state, with charts.

Multi-agent workflows
Agents investigate and remediate together.

Knowledge base
A consolidated incident-lifecycle record.

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Technical specifications at a glance

What Cerne™ AIOps ingests, correlates and automates.

Area	Specification
Sources	Native monitoring, external event ingestion, third-party monitoring and APM, security tools
Scope	On-premises, private and colo, public cloud, Kubernetes and Docker, network, storage, databases, PDUs and sensors
Correlation	Dedupe, suppression, noise reduction; topology, timestamp and textual similarity; single, cross domain and DC level
Detection	Anomaly detection, predictive alerting, change risk and impact analysis
Remediation	Shell, Bash, Python; Ansible Tower via REST API; multi-agent workflows
ITSM & CMDB	ServiceNow auto ticketing, bi-directional sync, CMDB updates of discovered CIs
Notifications	Email and SMS
Access & security	RBAC, SSO, MFA, tenants, user groups, permission sets
AI	Private-LLM assistant, multi-agent investigation, HITL approvals
Deployment	SaaS or on-premises as part of Cerne™; multi-tenant

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CUSTOMER STORY

An enterprise ITOps team resolves up to 85% of L1/L2 incidents autonomously

The challenge

- More than twenty monitoring tools, each firing its own alerts
- Alert storms buried real incidents; on-call was burning out
- Root cause took hours of cross-tool triage
- Leadership would not approve AI acting unsupervised in production

The solution

- Unified every signal into a single correlated incident stream
- Enriched incidents with change and topology context
- Governed automation resolved routine incidents autonomously
- High-stakes actions gated for human approval, every action logged and reversible

Up to 85%
L1/L2 incidents resolved autonomously

20–30%
Lower mean time to resolution

~70%
Alert noise eliminated

40–60%
Less manual overhead

The team also prevented change-caused outages by catching high-risk changes before production. Results as published on unityone.ai; results vary by environment.

GET STARTED

See Cerne™ AIOps in action

Explore the platform hands-on in the UnityOne AI Playground, or talk to our team about turning alert noise into resolved incidents.

▷ Enter Playground ✉ Contact Us

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

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