



ObserveOps AI Agent

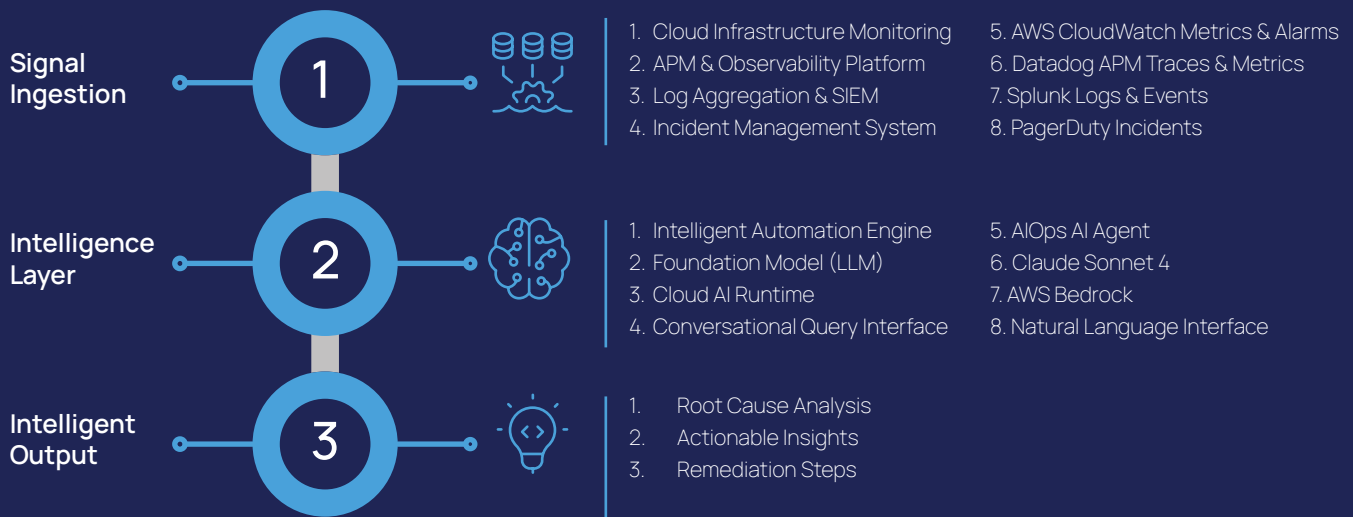
(NOC Operations Intelligence)

Alert fatigue caused by fragmented tools like CloudWatch, Datadog, Splunk, and PagerDuty creates a lack of unified visibility. Manual root cause analysis across metrics, logs, and traces increases MTTR and drains engineering capacity. Reactive monitoring without AI-driven correlation leaves incident intelligence scattered and undocumented.

Key Features

- 1 AI-Powered Natural Language Interface**
Query your infrastructure in plain English, no dashboards or query syntax needed.
- 2 Multi-Source Intelligence Correlation**
Unifies AWS (EC2, ECS, RDS), Datadog APM, Splunk logs, and PagerDuty into a single contextual view.
- 3 Real-Time Incident Triage**
Enables business-impact prioritization, noise reduction, and full-context routing in real time.
- 4 Continuous Learning & Pattern Recognition**
Self-improves from every resolved incident; builds institutional knowledge that outlasts team turnover.
- 5 Cost-Effective AWS Infrastructure**
Costs approximately \$167/month on ECS Fargate, delivering over \$159K+ monthly savings in operational efficiency.

ObserveOps AI Agent Architecture



Transform Your NOC Operations with our AI-Powered Automation

Capabilities

- **Intelligent Incident Management**
Multi-source detection across AWS, Datadog, Splunk and PagerDuty. Reduces manual effort by 60% and improves MTTR by 45%.
- **AI-Powered Root Cause Analysis**
Correlates metrics, logs, and traces across the full stack to automatically identify bottlenecks and optimization gaps.
- **Predictive Impact Analysis**
Maps service dependencies and predicts the impact of changes before they reach production.
- **Operational Quality Assurance**
Automates SLA validation, enables real-time compliance checks, and provides continuous improvement recommendations.
- **Data-Driven Decision Intelligence**
Validates infrastructure health, quantifies business impact, and delivers actionable insights via Claude Sonnet 4.

Industry Applications

- **Technology & SaaS**
24/7 Uptime | Microservices Triage | Container Orchestration
- **Financial Services**
Transaction Monitoring | Compliance Tracking | Fraud Detection
- **E-Commerce & Retail**
Peak Traffic Management | Checkout Reliability | Inventory Operations
- **Healthcare**
HIPAA-Compliant Monitoring | EMR Reliability | Telemedicine Uptime
- **Telecommunications**
Network Operations Automation | SLA Monitoring | API Reliability
- **Manufacturing & IoT**
Industrial IoT Monitoring | Supply Chain Reliability | Predictive Maintenance

Business Impact & ROI

Incident Detection 60% faster AI-powered triage and prioritization	Mean Time to Resolution 45% reduction Automated root cause analysis	Monthly Cost Savings ~60% OpEx Reduction Lower operational spend
Payback Period < 1 month Immediate operational efficiency gains	Infrastructure Cost 97% Lower TCO vs. on-premise alternatives	Team Productivity 120+ hrs saved Per month in manual investigation

Why Choose ObserveOps AI Agent?

01

End-to-End NOC Automation

Covers the full incident lifecycle: detection → triage → root cause analysis → remediation.

02

AI-Powered Intelligence

Leverages Claude Sonnet 4 and GenAI for deep infrastructure reasoning.

03

Complete Observability Traceability

Provides unified signal traceability across AWS, Datadog, Splunk, and PagerDuty.

04

Scalable AWS-Native Architecture

API-first design with ECS Fargate and enterprise-grade security, with zero infrastructure overhead.

ACL Digital powers the shift from reactive NOC to proactive ObserveOps, reducing MTTR, eliminating alert fatigue, and delivering measurable ROI. Connect with our experts to get started.

ACL Digital is at the forefront of the Experience Portal Transformation service, helping organizations create digital workplace, customer self-service portals, Online Communities, Knowledge & Learning, meaningful eCommerce, and websites to engage customers, partners, employees, and suppliers.

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