elastic | The Search AI Company

Agentic observability

From telemetry to autonomous action

THE CHALLENGE

Modern systems change multiple times per day. Manual alerting rules, dashboards, and data tagging cannot keep pace with exploding data volumes. 96% of organizations report struggling to control observability costs, yet fragmented tools leave SREs stitching context across disconnected backends. The next generation of observability will not simply visualize telemetry: it will **interpret it, extract knowledge, and drive action autonomously**.

Elastic transforms fragmented observability data into a unified, AI-powered platform that ensures exceptional customer experiences, amplifies SRE productivity, and simplifies costs at scale without sacrificing coverage

HOW ELASTIC OBSERVABILITY TRANSLATES INTO BUSINESS OUTCOMES

01

Unified Telemetry

Unify all logs, metrics, and traces in one place. AI handles structure and schema, eliminating the toil of manual pipelines

02

AI Detections

AI surfaces anomalies and maps service dependencies before users are impacted, **surfacing the unknown unknowns.**

03

AI Investigations

AI correlates signals across your stack and explains root cause in plain language, not dashboards to dig through.

04

Faster Resolution

AI agents recommend and execute fixes. Faster remediations: happier customers, more productive engineers, and lower costs.

PROVEN AI OUTCOMES

By replacing manual data engineering with agentic observability, organizations reduce outages, reclaim engineering time for higher value activities, and control costs without sacrificing coverage.

50% Faster MTTR

AI-driven investigations cut MTTR in half by surfacing root cause across logs, metrics, and traces

HEXAWARE

95% Fewer False Positives

Correlated signals replace noisy alerts with **meaningful events**, so that SREs focus on real incidents

Informatica

30-50% Lower TCO

Eliminate per-metric pricing, reduce tool sprawl, and deliver **predictable O11Y Opex.**

DISCOVER

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AI-driven logs, metrics, and traces

From reducing churn to eliminating tool sprawl, Elastic transforms how organizations operate, not just how they monitor. Elastic delivers full-stack observability powered by AI at every phase.

AI FOR EVERY OBSERVABILITY SIGNAL

Log analytics

- AI-driven ingest automatically structures unstructured logs
- Knowledge Indicators extract entities, services, and dependencies from log data
- Significant Events surface issues with root cause analysis
- Fast search across petabytes of retained log data

Infra Monitoring

- Full-resolution metrics **with zero cardinality penalties**
- Continuous system state: CPU, memory, throughput, latency, saturation signals
- Correlated with logs for richer context during investigation
- Infrastructure topology mapped and monitored automatically

APM & Traces

- Distributed tracing across microservices and AI workloads
- Service maps with real-time dependency visualization
- All signals unified for complete detection-to-resolution workflow
- OTel-native: single OTLP endpoint, no collectors required

UNIFIED · OTEL-NATIVE · AGENTIC OBSERVABILITY

TECHNOLOGY ENABLING BUSINESS BENEFITS

CUSTOMER EXPERIENCE	AI surfaces anomalies in services & dependencies before users are affected. **Maximize the uptime of your revenue-generating systems**
ENGINEERING PRODUCTIVITY	Natural language root cause analysis replaces manual log triage, surfaces only what requires action, and provides intelligent recommendations so Engineering **focuses on resilience and reliability**, not data plumbing and pipeline maintenance
LOWER TCO	A unified platform to replace siloed logging, metrics, and traces. Predictable pricing eliminates cardinality penalties and retention trade-offs. **Maximize coverage on your most essential digital services & infrastructure** while reducing your TCO.

NEXT STEPS

1. Schedule a Technical Discovery Call
2. Request an AI-Driven Observability Demo
3. Align with Leadership on Desired Business Outcomes

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