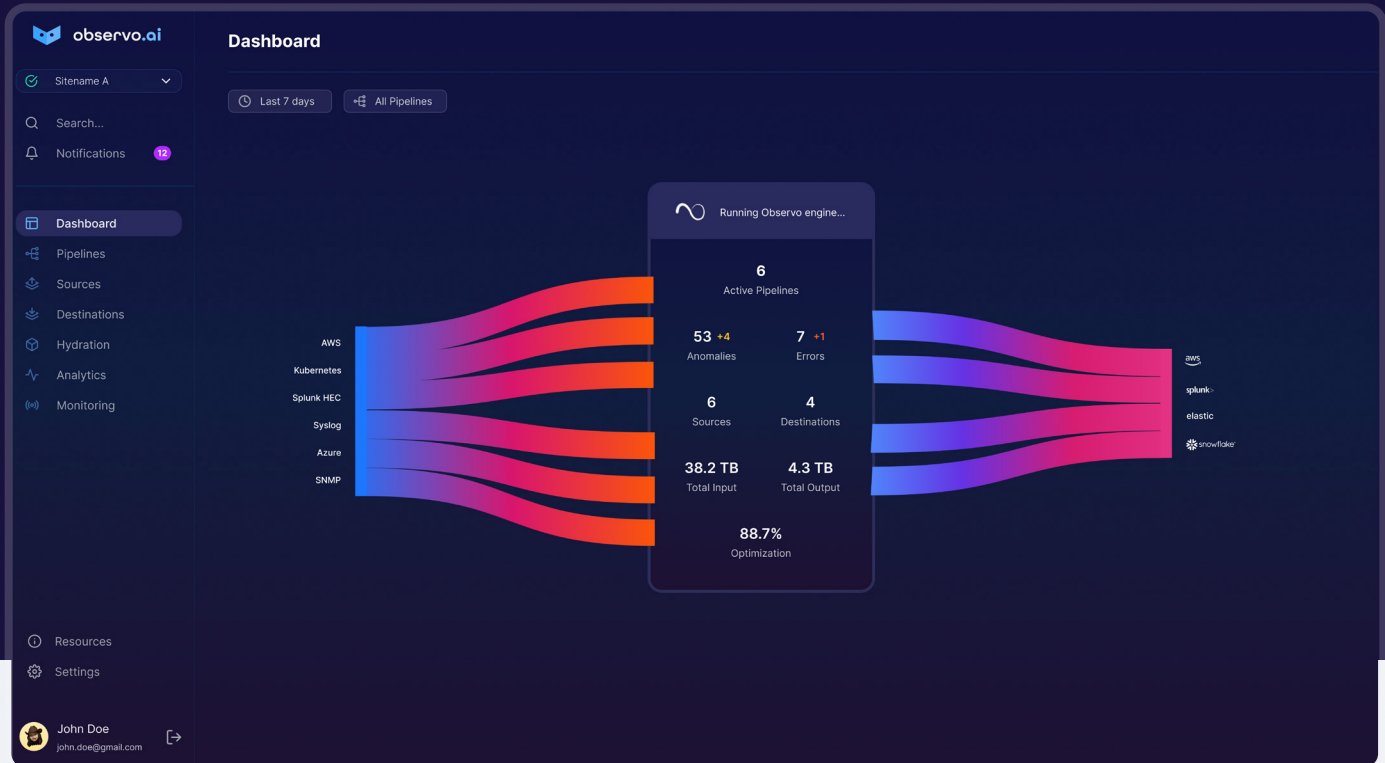


The AI Data Pipeline for Security and DevOps



Petabytes

Data Processed/Month

Trillions

Events Processed/Month

74%

Avg. Data Reduction

42%

Avg. MTTR Improvement



Deliver the Right Data, to the Right Place, Instantly

Observo AI filters, transforms, and routes telemetry in real time—ensuring high-signal data reaches the right tools while eliminating noisy, low-value events.



Accelerate Threat Detection & Incident Resolution

By enriching logs with context and highlighting anomalies at the point of ingestion, Observo AI surfaces critical insights faster—cutting investigation time and improving response outcomes.



Control Costs, Expand Data Coverage, Eliminate Blind Spots

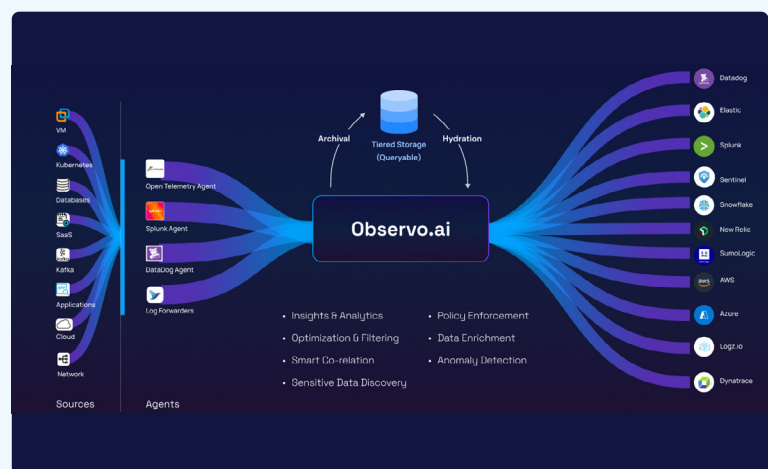
Reduce ingest volumes by up to 80% without losing visibility. Observo AI lowers SIEM and storage spend while enabling full-fidelity retention and observability across all environments.

The Challenge

- Security and DevOps data doubles every 2–3 years
- Excluding verbose or non-uniform data sources creates blindspots
- Legacy pipeline tools require expert data engineers to operate and don't evolve with data
- Data onboarding is slow, manual, and error-prone—especially for custom sources
- Noisy data generates false positives and alert fatigue, slowing incident detection and resolution
- Vendor lock-in limits flexibility and slows tool evaluation or migration
- Manual data wrangling distracts Security and DevOps teams from core priorities

The Solution

The Observo AI Data Pipeline is an AI-native, agentic platform designed to optimize and manage telemetry data for Security and DevOps teams. By leveraging advanced machine learning and large language models (LLMs), it intelligently filters, enriches, and routes data, ensuring that only the most relevant information reaches your analytics tools. This approach not only reduces costs but also enhances threat detection and operational efficiency.



Why Observo AI – Key Features

- **Data Optimization & Reduction:** Automatically identifies and filters out low-value data, reducing log volumes by up to 80% and cutting total SIEM costs by over 50%.
- **Smart Routing:** Dynamically routes data to the most appropriate destinations, avoiding vendor lock-in and ensuring optimal tool utilization.
- **Anomaly Detection:** Continuously learns from data patterns to detect anomalies in real-time, lowering mean time to resolution (MTTR) by 40% or more.
- **Data Enrichment:** Adds contextual information, such as Geo-IP and threat intelligence, to enhance data analysis and accelerate incident response.
- **Searchable, Low-Cost Data Lake:** Stores full-fidelity data in a compressed, searchable format, enabling long-term retention without high costs.
- **Sensitive Data Discovery:** Proactively detects and secures sensitive information, ensuring compliance with data protection regulations.

Experience the power of AI-driven data pipeline management with Observo AI.

Try the product in our interactive sandbox. Create pipelines, add optimizations, and visualize your data.

