



# CerbiShield

# The Logging Security Problem



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*"Logs have become the least governed data surface in modern systems, yet they contain our most sensitive information — PII, PHI, credentials, and tokens flowing freely into observability platforms."*

**Cybersecurity Research Institute**

2024 Data Governance Report



# CerbiShield Solution Overview



## Governance Control Plane

Centralized governance platform deployed inside your Azure tenant for complete logging oversight and policy enforcement.



## Real-time Monitoring

Live dashboards with governance scoring, drift detection, and continuous monitoring of logging compliance across your infrastructure.



## Compliance Reporting

Automated compliance reports with RBAC controls, audit trails, and detailed governance metrics for regulatory requirements.

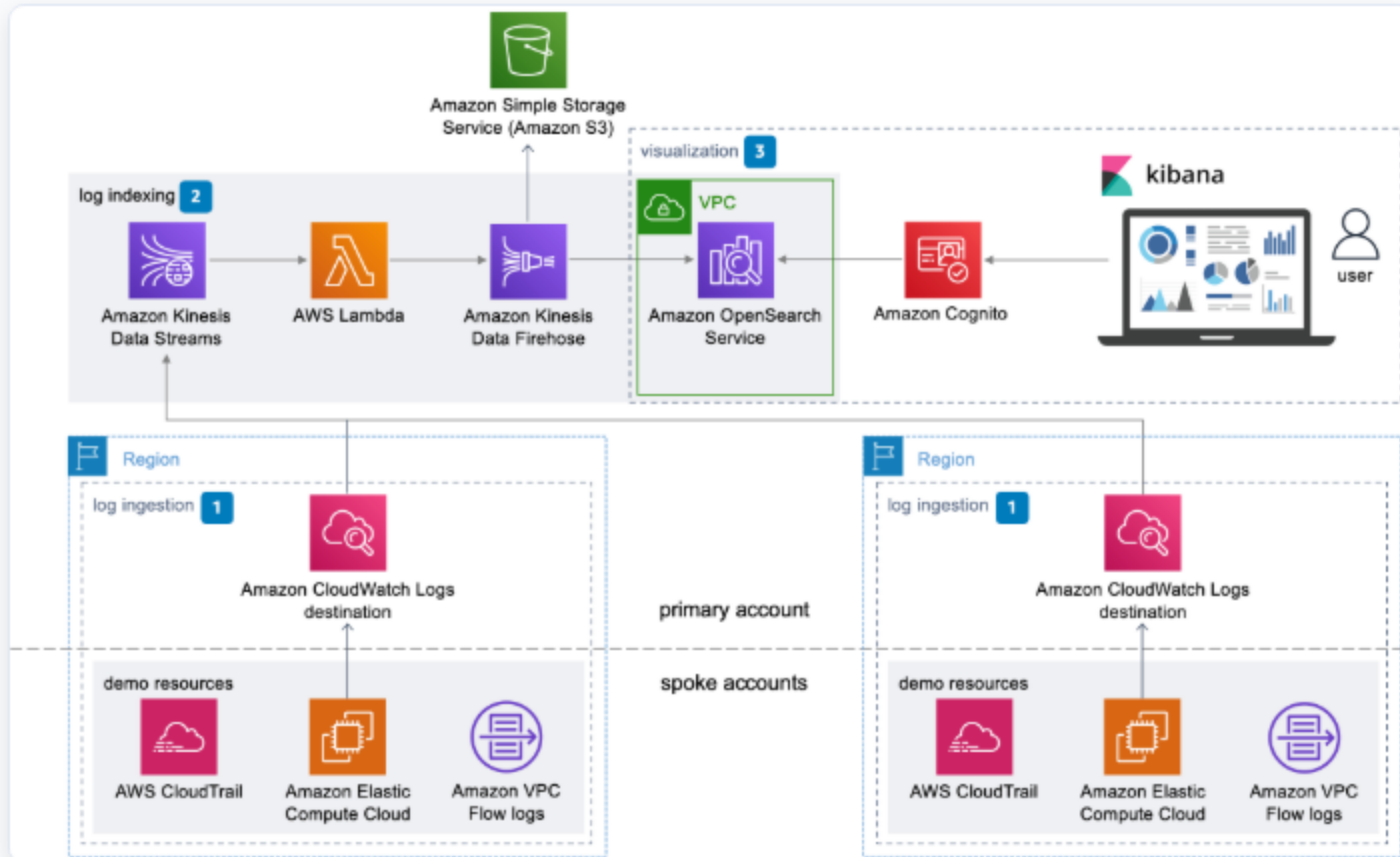


## Azure-Native Deployment

Tenant-hosted solution ensuring data sovereignty with seamless Azure integration and Microsoft Partner certification.



# How CerbiShield Works



## In-Process Enforcement

**CerbiStream** runs directly inside applications, applying governance rules at log emission time.

## Governance Control Plane

**CerbiShield** provides the management dashboard for defining rules and managing deployments.

## Pre-Destination Filtering





Rules are applied before sensitive data reaches Datadog, Splunk, or other destinations.

## Posture Tracking

**CerbiScoring** continuously tracks governance health and compliance over time.




# Key Features & Capabilities

## Traditional Logging


-  Sensitive data reaches all downstream systems (Datadog, Splunk, Azure Monitor)
-  No governance controls at log emission time
-  Compliance risks with PII/PHI exposure across platforms
-  Post-breach detection with reactive security measures


VS


## CerbiShield Approach

-  In-process enforcement prevents sensitive data from leaving applications
-  PII/PHI redaction and field-level encryption at source
-  Real-time governance scoring and violation tracking
-  Proactive compliance with schema validation and async monitoring

# CerbiShield Dashboard

 **Governance Overview**  
Real-time scoring and health metrics

 **Rule Management**  
Visual profile editor

 **Deployment Tracking**  
Rollout monitoring across environments

 **Analytics & Reporting**  
Violation trends and executive summaries

## Cybersecurity Dashboard

"Protecting digital assets is vital. Cybersecurity shields against online threats, ensuring data integrity and confidentiality."



# Integration & Deployment

## Key Integration Benefits



### One-Line Integration

Simple setup with `logger.UseCerbi(cfg => cfg.LoadProfile('governance.json'))` - no complex configuration required.



### Framework Support

Works seamlessly with MEL, Serilog, and NLog logging frameworks without pipeline migration.



### Azure Marketplace

Available as ISV solution on Azure Marketplace for streamlined enterprise procurement and deployment.



### Enterprise Security

Tenant-hosted deployment in customer's Azure subscription with Entra SSO and RBAC integration.

## DEPLOYMENT PROCESS

- 1 Setup** Install Package  
**Action:** Install CerbiStream NuGet package in your application.  

```
dotnet add package CerbiStream
```
- 2 Configure** Load Profile  
**Action:** Add one-line integration to your logging configuration.  

```
logger.UseCerbi(cfg =>  
  cfg.LoadProfile('governance.json'))
```
- 3 Deploy** Azure Native  
**Action:** Deploy CerbiShield dashboard via Azure Marketplace with SSO integration.  
✓ Tenant-hosted in your subscription

# Compliance & Security Benefits

## HIPAA

Healthcare data protection with PII/PHI blocking



## GDPR

European privacy compliance with field-level encryption

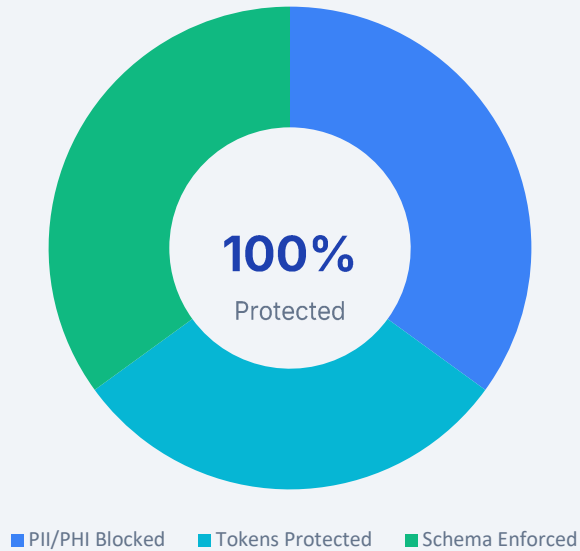


## SOC 2

Enterprise security standards with immutable audit trails



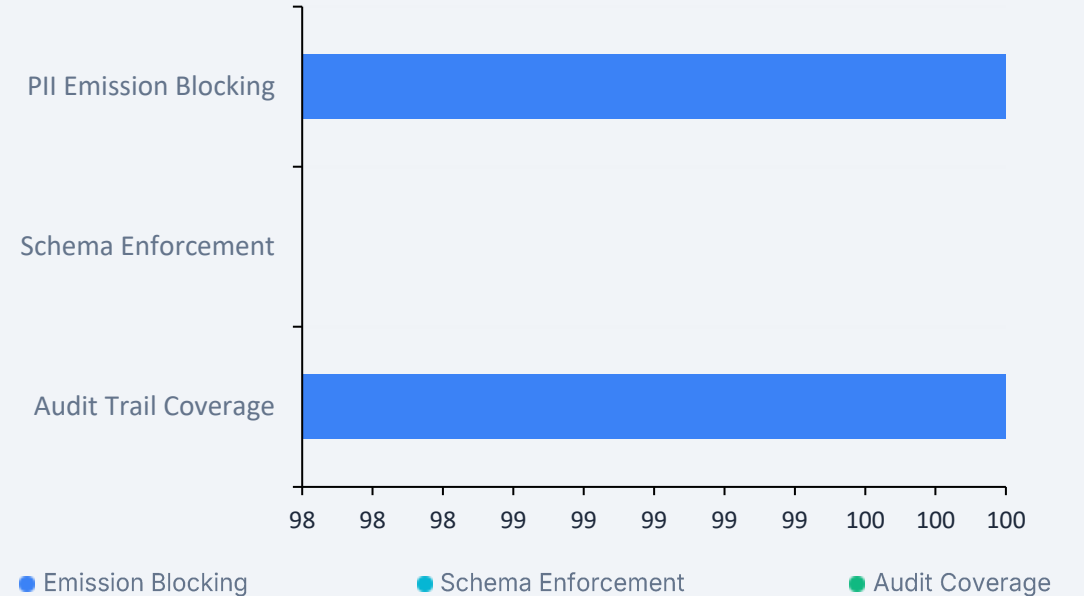
### Data Protection Coverage



Comprehensive governance before pipeline

### Security Implementation Metrics

Active Protection



# Proven Track Record

## Enterprise

Customer Base  
Production Deployments

## Microsoft

Partner Status  
Azure Marketplace

## Harvard

i-Lab Validation  
Product Validated

## 14-Day

Free Trial  
Enterprise Ready





## — GET STARTED WITH CERBISHIELD —

***" Start controlling what gets logged in the first place."***



### FREE TRIAL

14-day trial with no credit card required. Experience immediate value with one-line setup.



### AZURE MARKETPLACE

Easy procurement through Microsoft Partner certification. Seamless Azure integration.



### ENTERPRISE READY

Contact sales for enterprise deployment. Book a demo to see CerbiShield in action.