

Cyber Data Solutions

Enhance your security posture through a Databricks Lakehouse architecture

Business Challenge

Organizations face increasing complexity in managing cybersecurity due to diverse and often vendor-specific data silos, regulatory requirements, and evolving threat landscapes. Meanwhile, SIEM tools often struggle with scalability, with cost-prohibitive data storage limitations and inadequate analytics, leading to gaps in threat detection and response. A unified, scalable and cost-effective data lakehouse approach is essential to address these challenges effectively.

Solution Summary

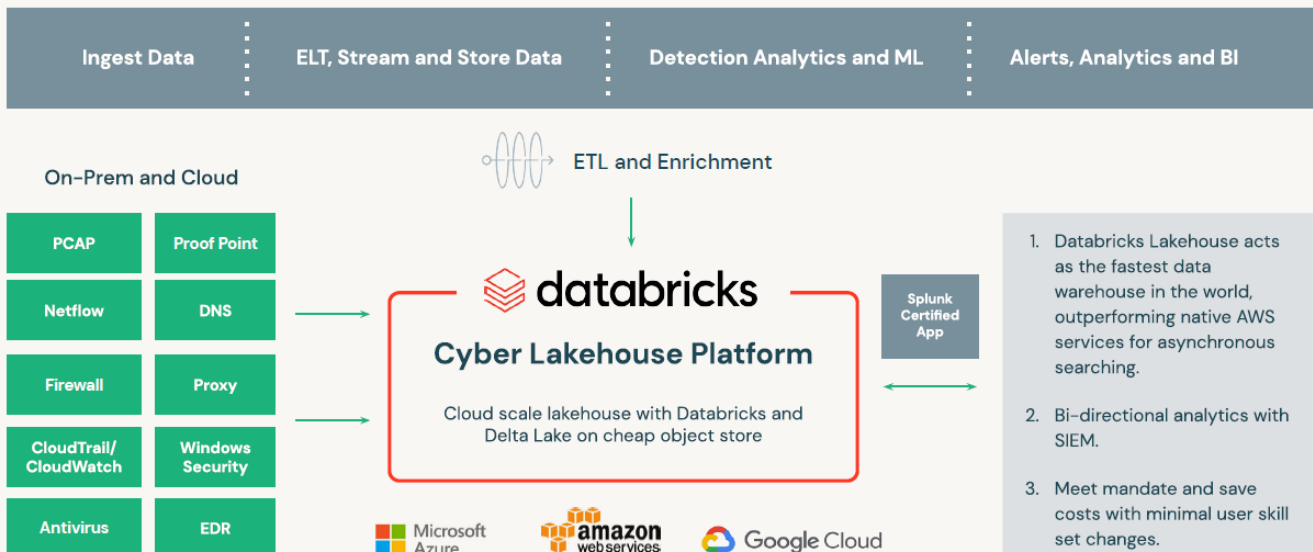
Infinite's Cyber Data Solutions leverages the Databricks Lakehouse architecture to enhance your organization's security posture. Our comprehensive solutions start with a foundational Cyber Data Lakehouse Implementation. We then build upon this solution to support SIEM Augmentation, Real-time Threat Detection and Incident Response, and Advanced Vulnerability Management and Threat Analytics. By integrating advanced analytics and AI, we provide scalable, cost-effective solutions tailored to your security needs.

Benefits and Value Realization

- **Centralized Security Data Management:** Unified platform for all security data, reducing silos and improving data accessibility.
- **Enhanced Threat Detection:** Real-time insights and machine learning models for proactive threat detection.
- **Cost Efficiency:** Scalable architecture that separates compute and storage, optimizing costs.
- **Regulatory Compliance:** Comprehensive audit and compliance reporting to meet industry standards.
- **Future-Proof Solution:** Supports multi-cloud environments, ensuring flexibility and avoiding vendor lock-in.

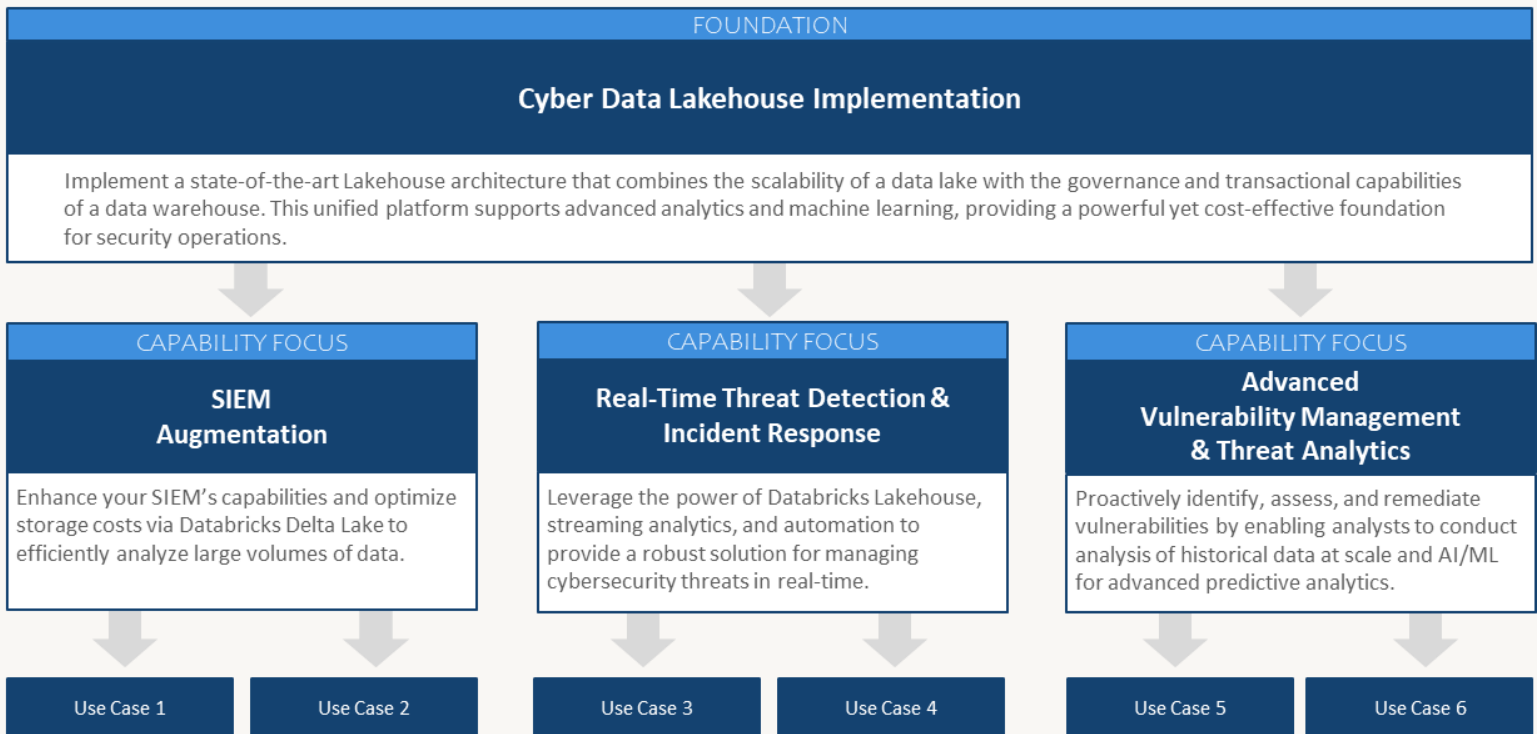
Databricks Cyber "Multi-Tier" Architecture

A lakehouse platform for scalable, real-time threat analytics



Getting Started

Infinite can help you enhance your overall security posture with cost-effective and robust solutions built upon the Databricks Lakehouse platform. Our approach starts with building a foundational Cyber data lakehouse, then focuses on specific capabilities to meet your needs.



Solution Approach

Infinite's Lakehouse development approach begins with clearly defining scope and priority use cases, followed by scoping and developing an achievable initial MVP solution.

