

PRODUCT OVERVIEW

Okera Active Data Access Platform for Microsoft Azure

Okera solves one of the biggest challenges with heterogeneous, multi-vendor data platforms at scale on Azure: opening data access for innovation while ensuring proper governance and compliance. Without the ability to scale governance, enterprises are limited in what they are able to do with new data platform technologies or run the risk of their security and governance controls falling short.

The Okera Active Data Access Platform unifies and manages access for data consumers across a multi-datastore and multi-tool environment. It reduces friction between agility and governance for all of the people involved - data consumers, owners, and stewards.

Product Overview

The Okera Active Data Access Platform consists of the Data Access Service, Unified Metadata Registry, Secure Policy Builder, and Audit Engine. The platform is modular in nature and exposes standard APIs making it easy for data platform teams to integrate it within their environment, while also giving them the choice to use other services as they see fit.

Okera Serves all Data Users

DATA CONSUMERS






Data consumers get fast and secure access to data without any change in the analytic tool they are most comfortable with, including native Azure and partner services.

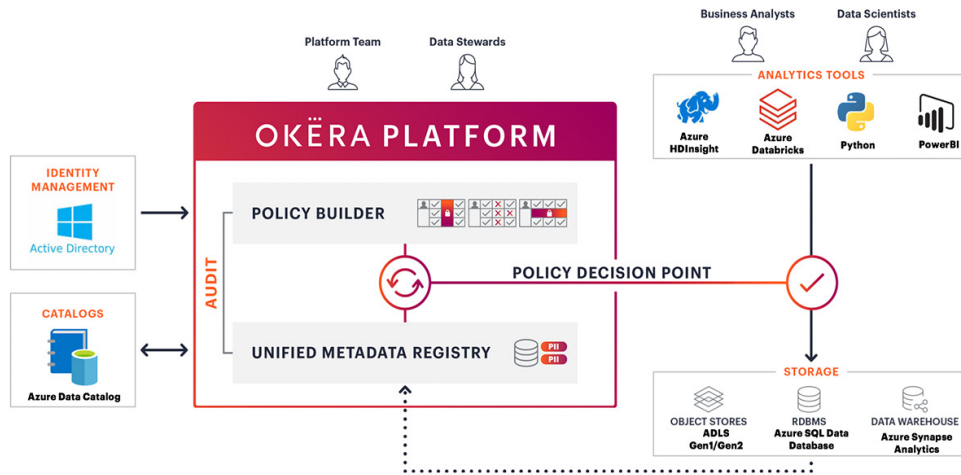
DATA OWNERS

Data owners get an easy way to publish datasets and thereafter get visibility into how the data is being used.

DATA STEWARDS

Data stewards can define and enforce access policies at a fine-grained level from a centralized no-code policy builder, understand access levels, as well as audit historical data access activity.

 <p>Dynamic, Fine Grained Access Controls</p> <p>Tokenize, mask, obfuscate or remove PII/PHI (RBAC, ABAC)</p> <p>Provide access to "safe" data to the right person at the right time.</p>	 <p>Policy Management at Scale</p> <p>Decentralized and distributed data stewardship.</p> <p>Unblocks the platform team and enables agile governance across data consumer teams.</p>	 <p>Consistent Policy Management Across Platforms at Scale</p> <p>Write data access policy once, enforced across all tools and storage.</p> <p>Guarantees data consistency, high performance, saves time and money.</p>	 <p>Ubiquitous, Identity-based Access Governance</p> <p>Understand who, what, when and where data is being accessed.</p> <p>Detect data misuse. Understand data access patterns.</p>	 <p>Enterprise Readiness. Performance & Compatibility</p> <p>Native support across big data cloud applications.</p> <p>Allows for broad eco-system compatibility and future proofing your platform.</p>
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OKERA'S UNIQUE DIFFERENTIATION

FINE-GRAINED ACCESS CONTROL

Define and enforce fine-grained access policies for both structured and unstructured data from a single platform. Access restrictions can be applied on many levels of granularity—file, column, row, and even at cell-level.

DYNAMIC DATA DE-IDENTIFICATION

Okera supports a variety of data de-identification types, including masking, redaction, tokenization, anonymization, and even differential privacy. In all cases, the transformation is applied at query time, eliminating the need to store multiple copies of the data.

NO-CODE POLICY CREATION

Data stewards and owners can now author access policies without writing a single line of code. Data stewards have the flexibility to author policy for infinite different use cases from marketing analytics to consumer fraud prevention.

AUDITING AND JUST-IN-TIME INSIGHTS

Monitor access to the data lake and proactively deter any potential breaches with Okera's built-in reporting, which offers insights into every user access pattern along with integration into enterprise SIEM.

PROVEN ENTERPRISE SCALABILITY

The Okera system is architected to scale infinitely to meet the needs of modern data-driven enterprises. The scalability of the Okera system is proven at many Fortune 500 companies with data lakes exceeding 10PB.

EXTENSIVE ECOSYSTEM PARTNERSHIPS

Okera partners with leading technology and solutions providers to support, govern and secure heterogeneous data architecture environment at large enterprises.

CUSTOMER USE CASES

SENSITIVE DATA DISCOVERY & PROTECTION

Automatically discover and protect sensitive data (PHI/PII).

ACCELERATING CLOUD MIGRATION & ADOPTION

Move to and adopt a hybrid cloud environment quickly by securing data access to the right analytical users & applications.

DATA PRIVACY & COMPLIANCE

Enable consent management and right to forget in keeping with the current and evolving data governance and privacy mandates such as GDPR and CCPA.

ABOUT OKERA

Okera provides last mile secure data access and governance at scale for modern enterprises. By ensuring the appropriate data access policies are in place and compliance with the evolving data privacy landscape, Okera enables organizations to unlock the full power of their data for innovation and growth. Organizations receive immediate value from Okera which can be implemented and in production in days across hybrid or multi-cloud environments. The company is headquartered in San Francisco and backed by Bessemer Venture Partners, ClearSky Security, and Felicis Ventures.

Learn more at www.okera.com or contact us at info@okera.com.