Centralize Data Governance, Risk, and Compliance

Seamlessly unify and accelerate data governance, risk, and compliance policy management with a single point of data access, across your entire data landscape.

To effectively manage data governance, risk, and compliance, organizations need effective data controls. Such controls can include not only policies governing data access and establishing data lineage and authenticity, but also responses to right-to-be-forgotten requests under Europe's General Data Protection Regulation (GDPR) and similar data requests. In addition to regional regulations, organizations must comply with the demands of numerous industry-specific regulations, and the expectation for all regulatory compliance activities is that they be timely.

Unfortunately, the data necessary for managing data governance, risk, and compliance is often stored across many different kinds of sources, such as on-premises databases and data warehouses, cloud repositories, transactional systems, and streaming sources, and many organizations manage data that is also geographically distributed.

As a result, organizations face five key challenges in managing data governance, risk, and compliance:

- **Repetitive manual labor,** as the policies for each data source need to be managed individually
- **The inability to implement global controls** across the entire infrastructure, simultaneously
- **Limited ability to respond to compliance-related requests,** especially when they require timely reports on distributed data
- **A lack of real-time controls,** such as alerts or triggered actions
- **No unified view of data governance, risk, and compliance,** since the necessary data is stored across multiple different systems

The Denodo Platform, the leading logical data management platform, unifies disparate data into a single access layer. This brief covers how the Denodo Platform overcomes each of the above challenges. We close with the story of Albertsons, a company that has successfully leveraged the Denodo Platform in this way.

SOLUTION
Centralize Data Governance, Risk, and Compliance

## WEBSITE
www.denodo.com

PRODUCT OVERVIEW
The award-winning Denodo Platform is the leading data integration, management, and delivery platform using a logical approach to enable self-service BI, data science, hybrid/multi-cloud data integration, and enterprise data services. Realizing more than 400% ROI and millions of dollars in benefits, Denodo's customers across large enterprises and midmarket companies in 30+ industries have received payback in less than 6 months.
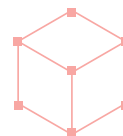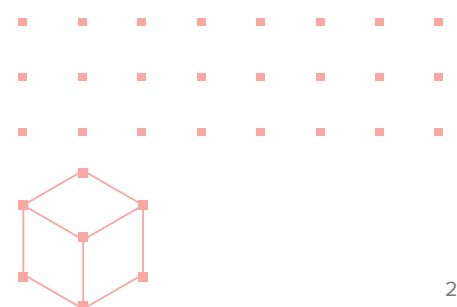
Introducing the Denodo Platform

The Denodo Platform is a logical data management platform. Rather than physically replicating data for reporting, it leverages data virtualization to enable real-time access to disparate data sources, without replication. With this capability, and other advanced features, the Denodo Platform establishes a unified semantic layer above an organization's data sources, one that provides data in the language of the business, at the speed that the business requires.
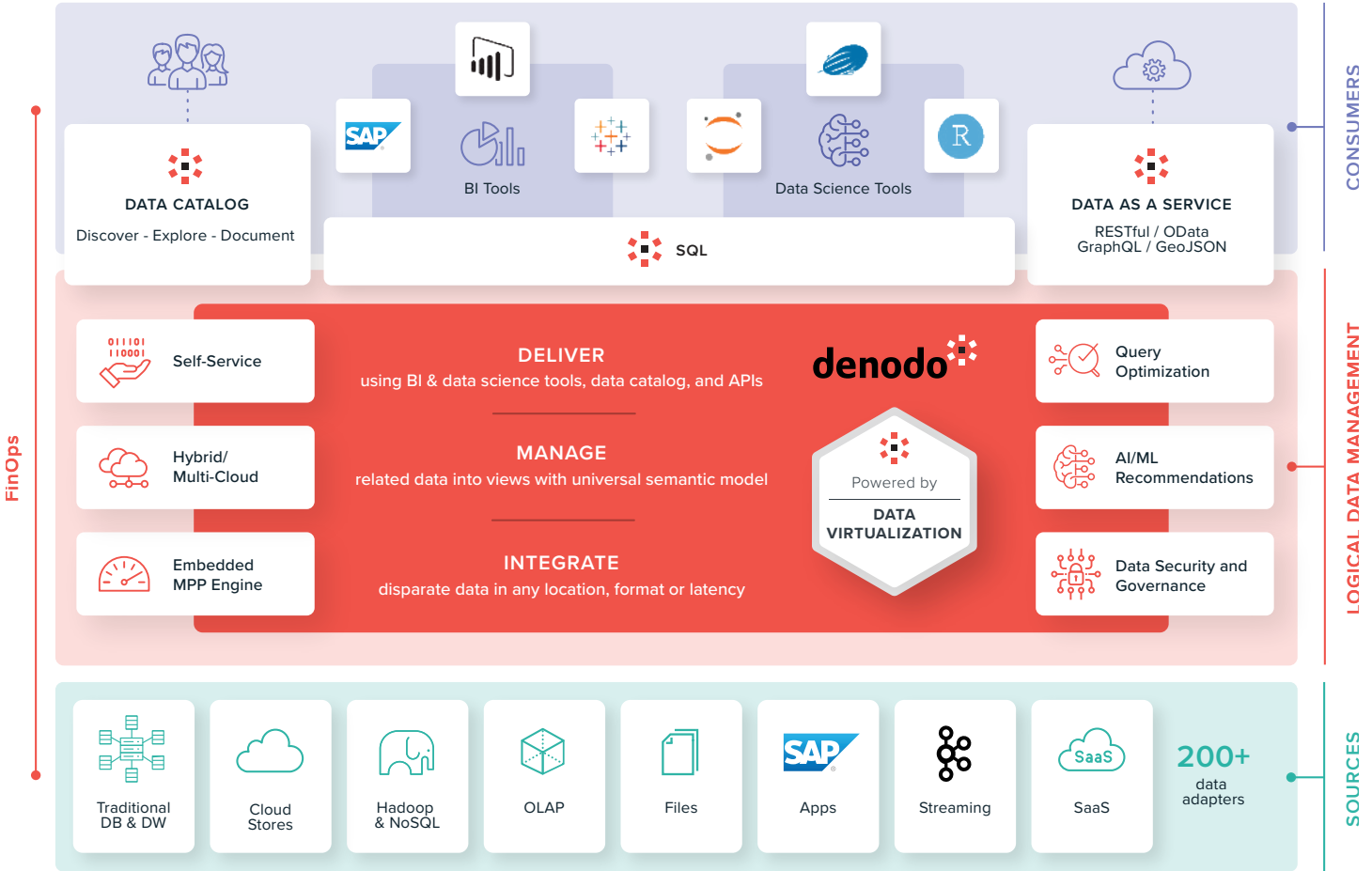
The Denodo Platform enables organizations to define and enforce comprehensive access controls, reporting, auditing, and other actionable risk and compliance management activities directly from this same layer, leveraging data in the same structure and format that the business has defined.

To further streamline compliance activities, the Denodo Platform provides an advanced data catalog that not only lists the available data in a single interface, but also enables immediate access to that data, directly from the catalog.

Enabling Centralized Data Governance, Risk, and Compliance Management

Next, let's look at how the Denodo Platform overcomes each of the challenges listed on the first page.

REDUCING MANUAL LABOR

By establishing a single layer for accessing all underlying data sources, the Denodo Platform reduces time-consuming, error-prone policy-management activities by enabling organizations to manage all policies from a single point of control across the entire data infrastructure.

IMPLEMENTING GLOBAL CONTROLS

The Denodo Platform enables global policies that affect all of the individual data sources, simultaneously. If an administrator makes a change to a global policy, the change is updated in real-time and immediately enforced across the entire organization.

ENABLING TIMELY RESPONSES TO REGULATORY REQUESTS

By enabling real-time access to data across myriad different kinds of systems, the Denodo Platform greatly accelerates compliance reporting. Stakeholders do not have to chase down the required data, transform it, and submit a request to have it copied to a different repository, just to enable reporting.

IMPLEMENTING REAL-TIME CONTROLS

With real-time access, organizations can implement real-time alerts and continuously updated usage reports. Organizations can set thresholds to trigger automatic actions, or immediately respond to potential fraud or attempted breaches.

GAINING A UNIFIED VIEW OF DATA GOVERNANCE, RISK, AND COMPLIANCE

Finally, a real-time, unified data-access layer enables organizations to gain a unified, enterprise view over data governance, risk, and compliance.
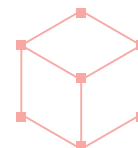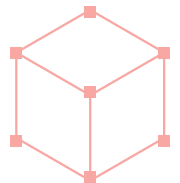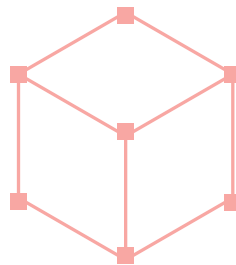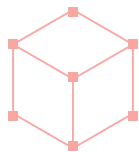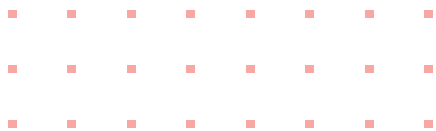
Case Study: Albertsons

Albertsons Companies, Inc. is an American grocery company founded and headquartered in Boise, Idaho. Albertsons operates more than 2,200 retail food and drug stores and is the second largest supermarket chain in North America. The company operates stores across 34 states and the District of Columbia under 20 well-known banners including Albertsons, Safeway, Vons, Jewel-Osco, and Shaw's.

Albertsons initiated a program to modernize its data infrastructure and move its critical data assets to Microsoft Azure Cloud. However, the company wanted to strengthen the security of this new configuration and was concerned about potential data breaches. At the same time, Albertsons wanted to continue to run personalized online marketing campaigns and launch advanced analytics on its customer data. The company's goal was to find a secure way to mask the customer data and ensure that only authorized individuals could run campaigns to access the data.

Albertsons leveraged the Denodo Platform to control and secure access to millions of rows of customers' personal information. An on-premises Denodo Platform instance provided access to detokenized PII/PHI data only to a specific group of authorized users, through a virtualized interface.
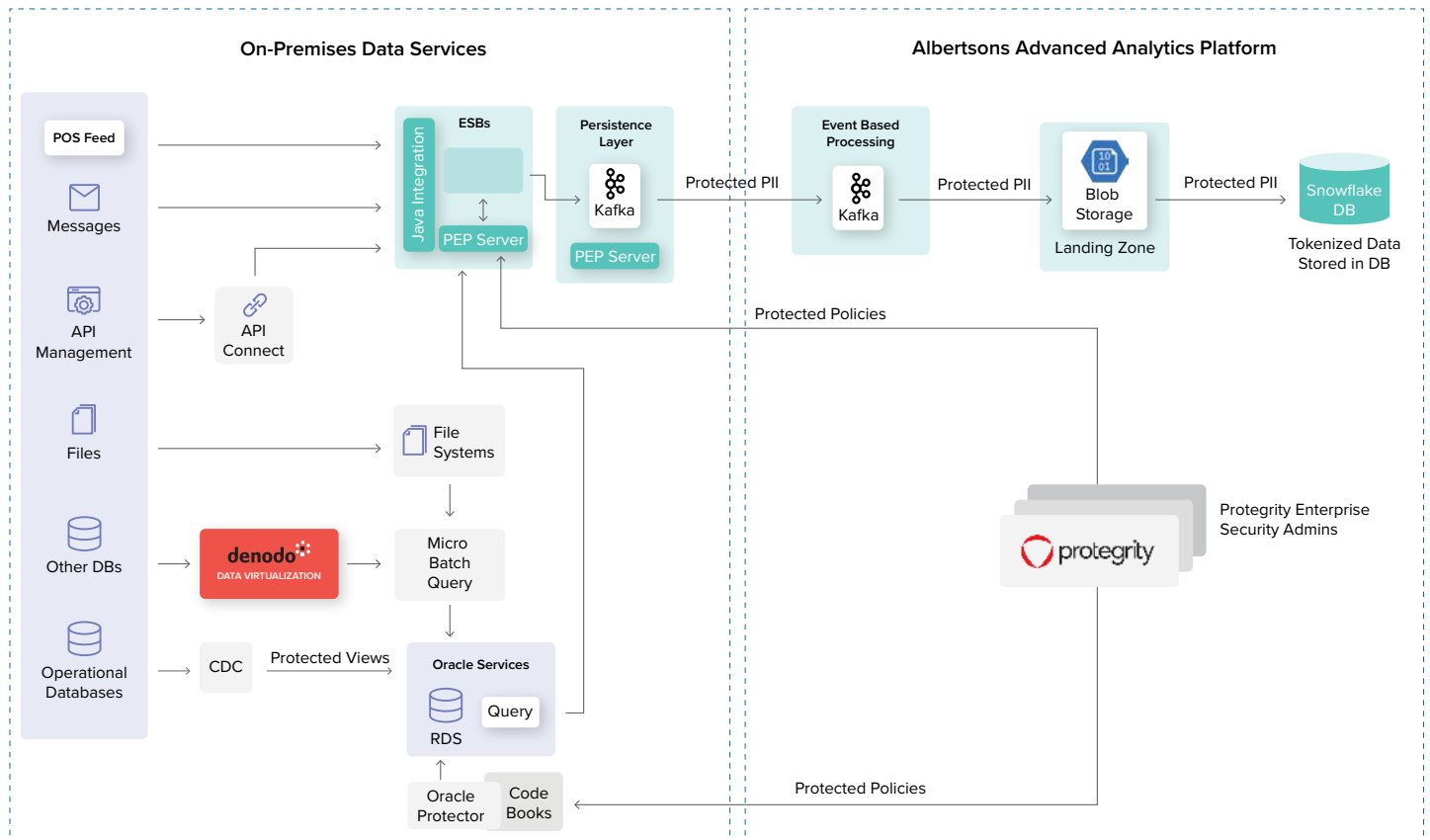
The Denodo Platform enables Albertsons to manage its customer-restricted data (PII/PHI/PCI) using replacement tokens in the Azure public cloud environment. This in turn enables Albertsons analytics teams to perform advanced customer analysis on this data while significantly reducing access to restricted data elements, improving the protection of customer privacy.