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FRESENIUS MEDICAL CARE

www.fmcna.com

INDUSTRY
Healthcare

PROFILE
Fresenius Medical Care is the world's leading provider of products and services for individuals with renal diseases of which around 4.1 million patients worldwide regularly undergo dialysis treatment. Through its network of 3,732 dialysis clinics, Fresenius Medical Care provides dialysis treatments for more than 300,000 patients around the globe. Fresenius Medical Care is listed on both the Frankfurt Stock Exchange (FME) and the New York Stock Exchange (FMS).

Fresenius Medical Care Transforms Patient Care with the Denodo Platform

Every day, Fresenius Medical Care delivers products and services that improve the lives of people with renal diseases, such as chronic kidney failure. This requires not only strong, efficient operations but also agile data management, to rapidly transform scientific intelligence into product and service features that deliver measurable improvement. This, in turn, requires the ability to connect diverse data sources for analytics and reporting, and to do so as quickly as possible.
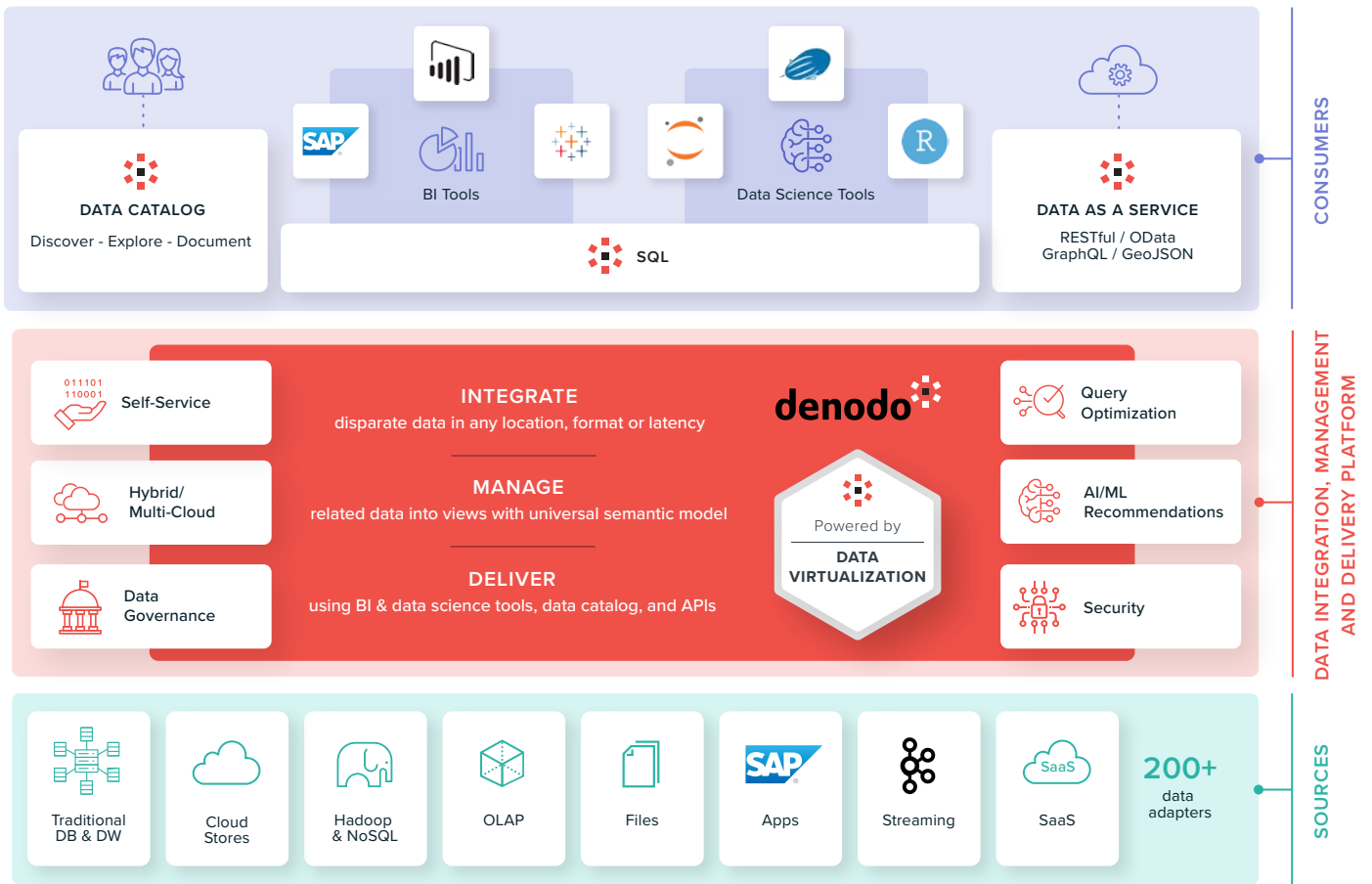
Business Need

Fresenius took a critical look at its data infrastructure and found several limitations that hindered effective management and integration. While the ERP system is SAP-driven, the company also relies on various non-SAP data sources. The integration of these systems was handled by a middleware solution, which proved to be both time-consuming and resource-intensive. These data-integration challenges led to downstream governance issues, limiting Fresenius' ability to manage sensitive patient data and maintain compliance with regulations.

The Solution

Fresenius implemented the Denodo Platform to streamline and accelerate the company's data integration processes. This solution unified traditional data warehouses, data lakes, and other sources into a semantic layer, supporting a hybrid approach and creating a robust data fabric.

With Denodo, Fresenius could seamlessly transfer logical views of SAP BW data to external systems, improving both integration and availability. The platform also integrated legacy data sources and harmonized them into web services. By leveraging Presto's massively parallel processing (MPP) capabilities, Denodo enhanced the speed and accessibility of diverse data sources across the Fresenius infrastructure.

The Denodo Platform provides Fresenius with real-time access to SharePoint data directly within SAP Analytics Cloud (SAC), accelerating critical insights. It also enabled a "live" connection with real-time access to SAP Analytics Cloud by integrating Anaplan through a REST API. Additionally, the Denodo Platform leveraged cached or partially cached data to significantly improve the response time of slow data sources.

Benefits

The Denodo Platform enabled the rapid integration of data sources, helping Fresenius to improve operations, intelligence, and governance across the organization.

Fresenius was able to gain:

Streamlined and Consistent Access to Data: The Denodo Platform created a robust data fabric, seamlessly integrating both SAP and non-SAP systems. This unified layer enabled real-time, reliable, and consistent access to data, empowering analysts, data scientists, and applications to make faster, more informed decisions. Additionally, Fresenius gained the ability to integrate legacy data sources into harmonized web services, improving data accessibility and reducing data silos.

Enhanced Data Governance: The platform enabled Fresenius to centralize data governance with improved cataloging, both of which are critical for effectively managing sensitive patient information.

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