denodo

Hastings Deering | **CAT**

Industry
Retail

Profile
Hastings Deering Pty Ltd (a Sime Darby Industrial company), is one of the largest Cat® dealers globally servicing mining, construction, power systems, and marine industries.

Hastings Deering has over 3,500 employees, across 26 business centers throughout Queensland, the Northern Territory, Papua New Guinea, Solomon Islands, and New Caledonia.

In 2022, Hastings Deering celebrated its 90th anniversary.

Hastings Deering has implemented the Denodo Platform as a key component underpinning both technology and internal strategies. The goal was to create a data marketplace across the enterprise to improve data coverage. Stakeholders realized that there was so much more the company could gain through a centralized data market. By enabling quick insights, pain points from the business in this challenging post-COVID-19 environment can be significantly reduced.

Hastings Deering leverages the Denodo Platform to improve Its Data Supply Chain

As of 2022, Hastings Deering was two years into a five-year digital transformation, which encompassed robotic automation, digitization of paper-based forms, digital application development, and data and analytics, to support employee and customer experience improvements.

Business Need

The data landscape at Hastings Deering was complex. A significant amount of data was generated through multiple enterprise resource planning (ERP) systems, which needed to be integrated with several Caterpillar systems. Numerous data silos across the business had challenges with respect to consistency and accuracy, directly affecting trust in the data.

Using traditional data delivery methods and methodologies were delaying time-to-data and time-to-value. Additionally, Hastings Deering also began to see a shift in business requests, away from traditional data requests to data sharing requests to assist with quick insights.

The company's vision, and a key part of its data strategy, was to enable "data citizenship" through the establishment of a *data and analytics center of practice.*

The Solution

Hastings Deering was focused on establishing the right data culture within the organization, and employees and leaders now accept that data plays a key role in decision making. They now understand the importance of data and the need for quality and governance practices to help drive data intelligence. They understand that the right platform and the right data was paramount in delivering value to the business. Denodo played a key role in this approach.

Hastings Deering's implementation of the Denodo Platform accelerated the company's data journey, culminating in the creation of a data marketplace.

Hastings Deering implemented six use cases, including an important use case focused on the company's Parts division. The goal was to accelerate predictions to better manage the impact of global supply chains and COVID-19 events. Leveraging the Denodo Platform, powered by data virtualization, has enabled Hastings Deering to fast track its analytical capabilities, expand its self-service analytics capabilities, and streamline data delivery for the Parts stream.

The logical data layer provided by the Denodo Platform enabled access to a wide range of data types as well as data on-premises, in the cloud, and via SaaS applications like Saleslink. It has also enabled access to data via any tool, such as PowerBI.

The Denodo Platform provided a trusted data pattern for faster modelling and the secure delivery of data across the enterprise.
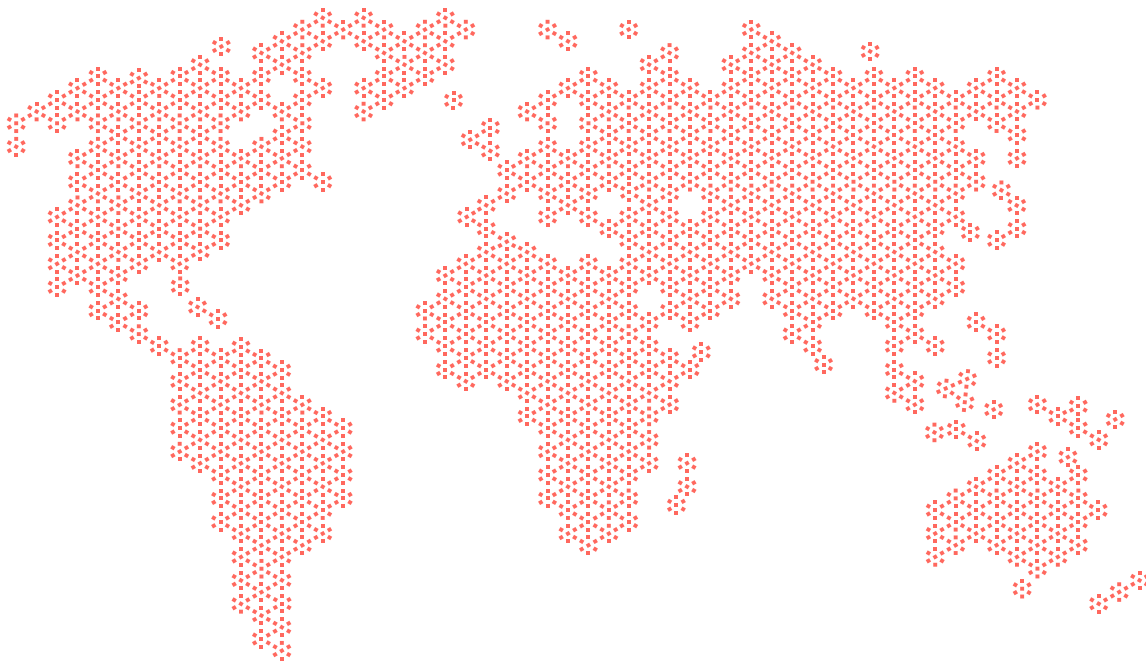
Benefits:

Challenges with respect to data will continue to surface with ongoing changes in economic and market conditions. Nevertheless, Hastings Deering took the first step in getting the basics right by adopting the Denodo Platform and the right methodologies.

The Denodo Platform was the right platform for Hastings Deering to deliver reporting, intelligence, data sharing, and digital programs through the new data marketplace, as well as the right platform to establish data literacy and data governance programs. The Denodo Platform's ability to provide data catalogs and business glossaries, together with guided self-service capabilities, has also promoted trust in the data.

The solution enabled self-service analytics through a single access point for different personas across the business, from novice users to citizen developers.

Through the company's new technology and methodology initiatives, Hastings Deering has been able to accelerate the acquisition of important data sets, create more value, and further enhance forecasting capabilities to meet business needs; In short, Hastings Deering, as an organization, has been able to deliver a lot more within specific timeframes.