

Case Study

Boliden

Image: Boliden



Deswik MDM centralizes the data critical to operating a mine's technical services department, enabling data protection, streamlined approvals and; standardized and automated processes.

3

Countries

7

Operations

50+

From 10 up to 50 users on any given site

Why Boliden chose Deswik's data management solution to manage their technical services data at their underground and open pit operations.

THE CUSTOMER

Boliden is a metals company with mining and smelting operations across three countries in northern Europe. As part of its vision to be the most climate friendly and respected metal provider in the world, Boliden has a strong focus on optimizing the mining and metal value chain.

“At Boliden, we're very keen on creating lean, efficient workflows and standardizing repeatable actions and processes to deliver consistent results at every step of the mining and metal value chain.” – Hilmi Pehriz

THE CHALLENGE

In 2013, Boliden was facing challenges with managing their mine planning processes and workflows. The company wanted to minimize waiting times for personnel and equipment, eliminate unnecessary material movements, and facilitate greater collaboration between teams.

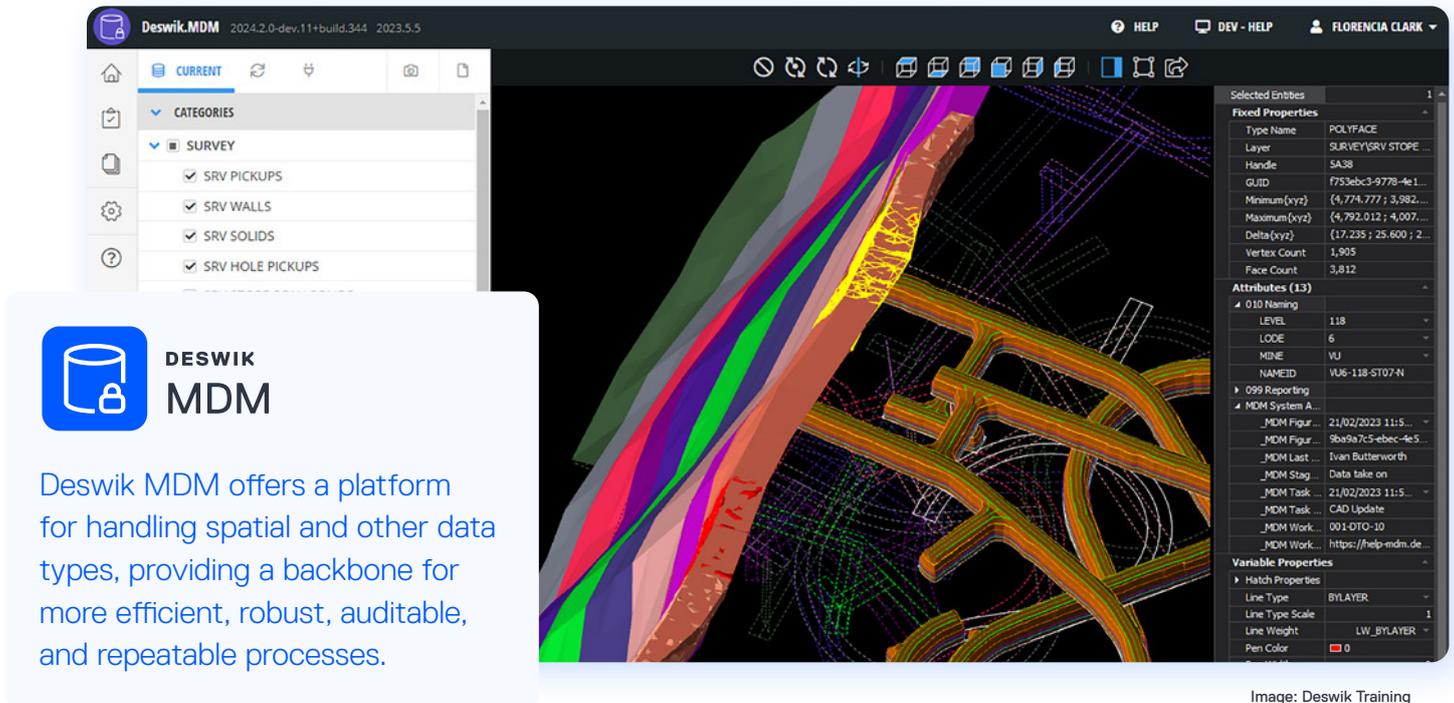
Additionally, they wanted a data management solution that could not only integrate with existing technologies and data sources, but also support innovation with external partners in the mining sector.

THE SOLUTION

Boliden chose Deswik MDM for its ability to handle spatial and other data types, providing a backbone for more efficient, robust, auditable, and repeatable processes. The implementation of MDM was part of a larger project to get the most value out of moving to a new mine planning system.

The project's key objectives were seamless collaboration and planning across different time horizons on a common platform.

“Another reason we decided to implement MDM was because it supports open collaboration and innovation with external parties too. Sweden is a hotspot for mining technology and equipment development, and we have lots of ongoing projects with industry partners. We needed a solution that would enable systems integration rather than locking us into a certain set of technologies or way of working.”



THE VALUE

Boliden's successful use of Deswik.MDM underscores the importance of strategic data management in enhancing operational efficiency and fostering innovation in the mining industry. The implementation has brought numerous benefits to Boliden:

- **Standardized Processes:** MDM enables standardized workflows, making onboarding for new employees easier and for existing employees to transition between roles on different sites.
- **Time Efficiency:** Boliden saw improvements in efficiency. Employees could automate repetitive processes and complete more tasks in the same amount of time, freeing up their time to focus on higher-value activities.
- **Risk Management:** The file versioning in Deswik MDM means that people always know that they are working with the latest information and can see changes made by other users. This reduces the risk of errors, ensures transparency and traceability, and improves decision-making capabilities.
- **Innovation and Collaboration:** Deswik MDM supports open collaboration with industry partners, which was crucial for Boliden's ongoing projects in Sweden's mining technology and equipment development sector.