

Case Study.
Manufacturing.
Asia Pacific.

Uncovering Critical Blind Spots for a Global Cement Company



Challenge

A global cement company had access to more than a million safety records from throughout the organisation. Data related to incidents, near misses, and observations were accessible, yet a false sense of security persisted. Despite the wealth of data, the company struggled to glean quality insights because a standardised process didn't exist to collect or organise it.

The raw data was inconsistently classified across different sites and systems, making it impossible for the company to see clear patterns or connect leading indicators to the most severe potential outcomes. Failing to establish a standardised view of its data created blind spots, putting the safety and health of its workforce at risk. The company needed the assurance of a comprehensive process to prioritise high level risks to avoid the possibilities of a fatality or severe injury.

dss+ Approach

Powered by AI, the dss+360 platform was designed to consolidate the company's disaggregated volume of data and organise it cleanly for analysis. Through the process, dss+ discovered that less than 5% of safety observations addressed top fatal risks, proving that company-wide efforts were critically misaligned.

Through the lens of dss+'s proprietary risk taxonomy, the platform delivered a level of clarity the organisation could not achieve on their own. First, dss+360 cleaned and standardised the client's raw data, classifying every

event, hazard, and observation against a consistent framework. The platform then cross-referenced all safety observations against the company's established top fatal risk areas, which directly tested the effectiveness of their safety programs. The process ultimately identified control gaps that were failing the most in relation to the highest-risk activities.



Assignment

To improve the quality of the company's HSE data.



Offering

dss+360 Digital Platform, ORM Consulting.



Impact

- Ultimately, dss+ provided a critical insight that dismantled the company's false sense of security. Now the company could be confident that its high-level strategic decisions were backed by quality data that told the complete story.
- Secondly, dss+ moved the company away from "check-the-box" activities and helped redirect resources toward their most significant vulnerabilities.
- Finally, dss+ helped foster a proactive safety culture by pivoting from one that reacted to incidents to one that proactively managed specific conditions and control failures that cause high-potential events.

dss+

Protect. Transform. Sustain.

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