

Case Study.  
Energy and Utilities.  
Middle East.

# Improving HSE Data Quality for Actionable Insights

## Challenge

A global utility company understood it was putting its employees at risk after discovering that its Health, Safety, and Environment (HSE) data was unreliable. Typically, the data served as a framework for its policies regarding the safety and environmental impact of the workplace. But over time the raw data the company collected from safety observations and incident reports was missing key fields, had inconsistent formatting, and was not standardised across reporting sources.

The result: The company had limited visibility into the health and safety of its workplace. Difficulties distinguishing between minor issues and significant risks became apparent. dss+ coaches identified gaps between the risks captured in the reporting system and the major operational risks observed in the field. The company couldn't produce actionable insights because it lacked quality data it could trust.

## dss+ Approach

To better understand the company's risk profile and to gauge the effectiveness of its safety controls, dss+ utilised dss+360, a digital platform that helps organisations improve data accuracy and make real-time decisions that improve workplace safety and performance. Powered by AI, the platform significantly improved the quality of its raw data by cleaning it and reducing its "noise-to-risk" ratio.



Beyond identifying risks, dss+360 assessed the health of the company's safety controls, which improved the quality of its insights. Data-driven findings were aligned with in-field coaching, which helped dss+ compare quantitative data with qualitative field observations. This validated insights and identified potential discrepancies.



### Assignment

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



### Offering

dss+360 Digital Platform, ORM Consulting.



### Impact

- By cleaning the data, leadership now has greater visibility into the company's risk profile and the effectiveness of its safety measures.
- By comparing data with field observations, the company now can identify critical gaps between perceived and actual risk, enabling a more targeted and effective safety strategy.
- By creating higher-quality insights that are validated, leadership now has the confidence it needs to make more informed decisions about where to focus resources to improve overall safety.

dss+

Protect. Transform. Sustain.

[linkedin.com/company/consultdss](https://www.linkedin.com/company/consultdss) 

[twitter.com/consultdss](https://twitter.com/consultdss) 

[youtube.com/consultdss](https://www.youtube.com/consultdss) 

[instagram.com/consultdss](https://www.instagram.com/consultdss) 

[www.consultdss.com](https://www.consultdss.com) 