

Case Study.  
Steel Company.  
Mexico.  
Mining & Metals.

## Real-time access and analysis make HSE data actionable

### Challenge

This firm produces cast iron parts and operates four industrial plants in Mexico and Brazil. While working with dss+ to establish a PDCA (Plan, Do, Check, Act) cycle for mitigating critical risks and reducing incidents, it became clear that ongoing, organization-wide implementation required access to real-time data.

### dss+ Approach

In order to maximize the value of safety observations, incident investigation reports and analyses in real time, dss+ employed digital tools to capture deviations, incidents and more.

The dss+ team designed databases to capture data, provide analysis and generate insights early enough to be acted upon. In addition, a dashboard displaying all reactive and proactive HSE indicators was created and is updated every hour, with reactive indicators accessible to all employees.

The dashboard also provides intuitive visualizations and details about identified risks, and it monitors progress against investigations and action plans. What's more, the database supports more effective audits and safety observations by extending analytical ability across information sets.



### Assignment

Make EHS data more available for analysis, risk management and action.



### Offering

Digital consulting and dss+ MIRA™ Analytics.



### Impact

- Increased transparency allows stakeholders to see how the project is progressing and how decisions are being made.
- Enabling data access across audits, dss+ STOP® interactions and events have led to more effective analysis of incidents and accidents.

dss+

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