



FIELD EAGLE



SANDVIK CASE STUDY

Australia

400 University Ave., Mezzanine, Toronto, ON, M5G 1S5

1-866-640-2345

info@fieldeagle.com | www.fieldeagle.com

a **Konverge** solution

PROBLEM



Sandvik needed a way to control their inspection and audit data more efficiently. Field Eagle provided a solution.

Sandvik was having difficulty standardizing and organizing their inspection and audit data for the Bulk Material Handling Machines. They needed a way to control the process more efficiently. The Bulk Material Handling Machine is used to manage the collection and transportation of dry material (coal) to its ultimate destination or storage facility. The Bulk Material Handling Equipment is composed of both stationary (stackers, reclaimers, ship loaders and conveyor belts) as well as moving parts to pick up and transport material. Within the mining industry, this machine is very valuable and it is important it stays in pristine and working condition. If these machines are offline, it can cost the company millions of dollars of lost revenue.



Sandvik PR100 Reclaimer Bulk Material Handling Machine

Prior to Field Eagle, Sandvik was using manual paper and pen inspections, but for machines like the Bulk Material Handling Equipment with hundreds of data points the manual process was insufficient. Sandvik needed their operations to have more control, with a standardized, fast, inspection process that would ensure the health of its equipment. That is where Field Eagle stepped in.



Sandvik Server



Field Eagle Tablets

Sandvik now has all of their inspection data collected locally on their secured servers.

SOLUTION

Field Eagle worked closely with Sandvik to implement the Enterprise Audit System that allowed a standardized global approach to inspect and audit all Bulk Handling Equipment in the Market Operations Areas. This is a global project, and Sandvik now has all of their inspection data collected locally on their secured servers. The project has now been extended to cover the inspection of all of their equipment.

The Field Eagle Operations team provides Sandvik with 24 hour support by the Field Eagle Operations Team to answer any questions while creating inspection forms, conducting inspections or analyzing reports.

With the adoption of Field Eagle Enterprise Inspection Audits, Sandvik transferred all of their manual inspection processes to Field Eagle. Field Eagle allows Sandvik to keep their inspection information organized, create reports immediately, and give the operations full control over the maintenance of their equipment.

“It has been a pleasure to work with the Field Eagle team with their can do attitude, open mindedness and results driven ethos”

- Wayne Slight [Sandvik Project Manager]

FACTS

Sandvik communicates the benefits of this automated and controlled inspection process through the acronym FACTS:



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- **F**ollow-through - actionable and effective inspection processes
- **A**sset Management - effective benchmarking and tracking of multiple equipment in an organized manner
- **C**onsistency – provides a standardized process with defined targets to eliminate inspector bias
- **T**ransparency - clear expectations and improves communications
- **S**peed - faster inspections, immediate reports and actionable result

SANDVIK

Sandvik is a global engineering group in tooling, materials technology, mining and construction with a strong commitment to enhancing customer productivity, profitability and safety. Sandvik's operations are based on their unique expertise in materials technology, extensive knowledge about industrial processes, close customer cooperation and continuous investments in R&D.

RESULTS

Speed is the most important benefit of Field Eagle to Sandvik. Field Eagle allows Sandvik to have one standardized inspection form created by the administration team with industry standards built in for fast, consistent and compliant inspections. After an inspection, Sandvik can see the full health of their equipment, and full reports and compliance reports can be sent immediately to the operations team to get a quick start on any maintenance that is required.

FIELD EAGLE

Field Eagle is a tablet-based enterprise inspection solution, developed by Konverge Digital Solutions. Its benefits include:

- reducing paperwork
- speeding up the inspection and reporting process
- incorporating corporate and regulatory standards into the inspection process

Field Eagle allows clients to reduce enterprise risk, enable preventative maintenance and create a new source of operational data. Field Eagle's template-based design makes it suitable for the inspection of virtually any process.



Field Eagle can help you minimize risk and maximize your profits.