



FIELD EAGLE



SANDVIK CASE STUDY

Europe

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a **Konverge** solution



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PROBLEM

Sandvik Mining Systems was having difficulty standardizing and organizing their inspection and audit data for the Bulk Material Handling Machines and large mining equipment. They needed a way to control the process more efficiently. The Bulk Material Handling Machines and Mining Equipment is used to manage the collection and transportation of bulk material (coal, ore, overburden) from the mine front to its ultimate destination or storage facility.

The Materials Handling and Mining Equipment is composed of both stationary (stackers, reclaimers, ship loaders and conveyor belts) as well as fully mobile machines to pick up and transport material. Within the mining and materials related industry, this machinery 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 unearned revenues and expenses to put it back online.

Prior to Field Eagle, Sandvik was using manual paper and pen inspections, but for machines like the Bulk Material Handling Equipment and Mining Machines with hundreds of inspection points and related data the manual process was insufficient.

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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.



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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. Sandvik Mining Systems is a Product area with focus on Heavy Mining and Materials Handling Equipment.

RESULTS

"It has been an inspiring pleasure to be aligned and work with the multinational, multi-cultural and open minded Field Eagle team representing different professional background and specialization, all focused on customer needs and results. The amount of customized solutions the team has developed and implemented specifically for our requirements was outstanding".

*- Michael Feiss, Head of Global Field Services
Sandvik Mining Systems*



Field Eagle allows Sandvik to have standardized inspections forms created by the administration team with industry standards built in for fast, consistent and compliant inspections.

With the implementation of Field Eagle Enterprise Inspection Audits, Sandvik Mining systems transferred manual inspection process preparation and documentation to Field Eagle. Field Eagle allows Sandvik Mining systems to keep their inspection information organized, create reports immediately and give the operations full control over the maintenance and condition of their equipment.

Field Eagle allows Sandvik to have standardized inspections forms 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 send immediately to the operations team to get a quick start on any maintenance that is required, as well as measures and (commercial) proposals for rectification and enhancement.

“Based on the promising results achieved, we want to combine the Field Eagle Application and related inspections database with our electronic (spare) parts catalogue and online condition monitoring/ smart monitoring system”.

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, and 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.