

# Assessing the effectiveness of EHS&S software investments

Companies across a wide range of industries are making significant investments in IT solutions to manage environmental, health, safety and sustainability (EHS&S) requirements. These investments are often driven by a desire to comply with regulations, keep workers and communities safe, and drive greater efficiency.

Organizations are increasingly turning to EHS&S data management systems to collect and report large volumes of EHS&S data necessary to maintain compliance, mitigate brand-damaging incidents and identify opportunities to improve EHS&S performance. These efforts often fail to provide the expected benefits.

For example:

- ▶ Companies invest in multiple, overlapping, or redundant data management solutions – driving up costs and fragmenting data.
- ▶ Companies pay for more solution licenses than they often actually need – further increasing costs.
- ▶ Companies often have a multitude of IT solutions, making it difficult to aggregate data to gain insights into EHS&S risks; this fragmentation also can prevent realizing the cost savings made possible by licensing at scale.
- ▶ IT solutions are often not able to manage the myriad of data management, reporting/analytics functionality, and interoperability with other systems to configure customized applications to meet the organization’s needs, so the solution either goes unused by the employees or results in a significant amount of data management being processed outside the solution.
- ▶ There is often an inability to recognize when a solution is not working and what the next course of action is for a suboptimal IT implementation.

## EY client example

For a large mining company, EY performed an IT solution assessment for EHS&S management, providing recommendations that could result in more than \$5m in savings through licensing and implementation efficiencies. We advised the company to forgo upgrading their existing, underutilized EHS&S data management solution and invest in a lower-cost alternative that will better meet their business needs. We also recommended eliminating nearly 100 unused licenses, which would result in \$500,000 in immediate savings.

## EY assessments: Making the most of EHS&S IT investments

EY professionals help companies assess the effectiveness of their EHS&S IT investments and make strategic recommendations on how to increase the effectiveness of these investments. EY leverages a unique combination of EHS&S knowledge, operational experience and IT acumen, as described below, to help clients focus on areas with a high potential for improvement and impact. This can help clients reduce risk, improve EHS&S IT performance, and boost cost savings.

## EY EHS&S IT effectiveness assessments

EY assessments can assist companies with identifying and mitigating a wide range of EHS&S IT issues, including assisting with:

### EHS&S software suitability

- ▶ Assess existing EHS&S IT capabilities against company EHS&S requirements
- ▶ Identify opportunities to improve software performance against company EHS&S requirements

### Total cost of EHS&S software

- ▶ Catalog EHS&S licensing and total costs (for instance, licensing, maintenance and training)
- ▶ Identify high potential, cost-saving opportunities for operational improvement (such as licensing at scale and lower-maintenance data management solutions)

### EHS&S software usage

- ▶ Diagnose underutilized, fragmented or redundant instances of EHS&S IT solutions
- ▶ Identify opportunities to consolidate, eliminate or harmonize EHS&S IT solutions and realize cost savings

### Organizational insight

- ▶ Document company-required reporting and analytics requirements and assess current-state IT capabilities against these requirements
- ▶ Identify opportunities to improve reporting content and analytics to facilitate compliance, risk assessment and decision making

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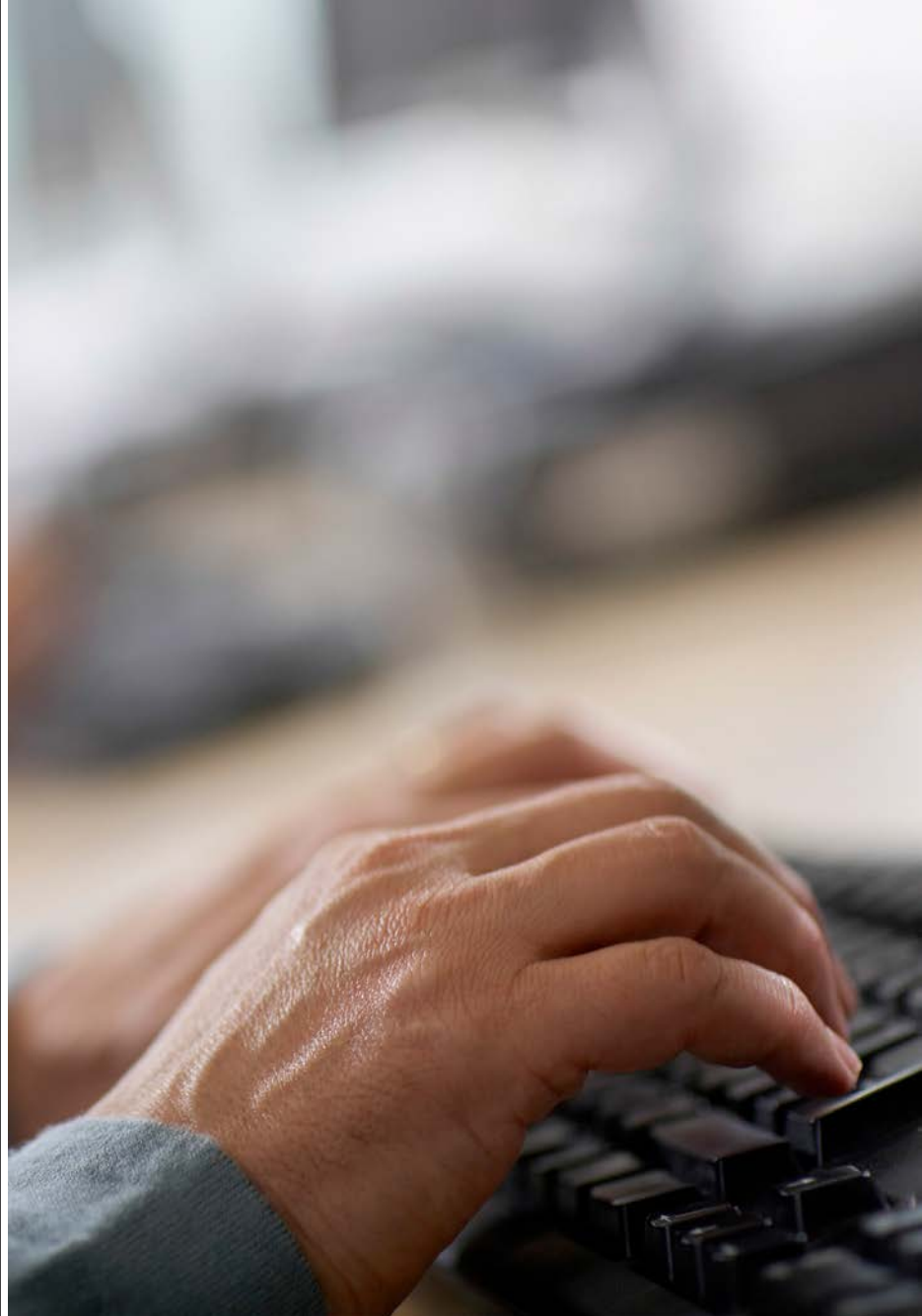
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