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:

<table>
<thead>
<tr>
<th>EHS&amp;S software suitability</th>
<th>Total cost of EHS&amp;S software</th>
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<tbody>
<tr>
<td>• Assess existing EHS&amp;S IT capabilities against company EHS&amp;S requirements</td>
<td>• Catalog EHS&amp;S licensing and total costs (for instance, licensing, maintenance and training)</td>
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<tr>
<td>• Identify opportunities to improve software performance against company EHS&amp;S requirements</td>
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<tr>
<th>EHS&amp;S software usage</th>
<th>Organizational insight</th>
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<tr>
<td>• Diagnose underutilized, fragmented or redundant instances of EHS&amp;S IT solutions</td>
<td>• Document company-required reporting and analytics requirements and assess current-state IT capabilities against these requirements</td>
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<tr>
<td>• Identify opportunities to consolidate, eliminate or harmonize EHS&amp;S IT solutions and realize cost savings</td>
<td>• Identify opportunities to improve reporting content and analytics to facilitate compliance, risk assessment and decision making</td>
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