



Your trusted partner in the journey to a sustainable tomorrow.

**ISOMETRIX**

# Integrated Risk Management for Oil and Gas

Why have many of the world's best-known oil and gas companies chosen IsoMetrix as part of their technology portfolio? The answer lies in the ability of IsoMetrix to reduce risk and improve efficiencies through a single, integrated risk and control centric software platform. IsoMetrix empowers our customers to manage and monitor their key activities and processes, ensuring they achieve and maintain operational excellence in line with their own, and the industry's, best-practice methodologies.

While the impact of many risks cuts across disciplines such as environmental, social, health, safety or quality, these disciplines are often managed in siloes, making a holistic understanding of risk indicators and consequences difficult. There is also within the industry a tendency to focus on lagging, rather than leading indicators. IsoMetrix follows an integrated risk approach to ensure the key solutions we implement for our oil and gas customers work together to provide an innovative, best practice framework with real-time visibility and oversight.

IsoMetrix provides the oil and gas industry with specialized solutions for the management of governance, risk and compliance (GRC). Offering a comprehensive suite of solutions across the enterprise, from Social Performance through to Health, Safety, Environment, Quality, Risk, Compliance and Audit. IsoMetrix is the ideal GRC tool across the full life cycle of an oil and gas project from exploration through reclamation.

Our experience in the oil and gas industry has shown that country- and site-specific factors, along with corporate methodologies and procedures, make it impossible for a standard off-the-shelf product to accommodate the needs of all companies. The need to provide software that caters to a wide range of different requirements, fueled by the rapid maturation of GRC processes, and the increase in the focus on environmental, social and governance (ESG) and social license to operate at board level, has been behind the evolution of IsoMetrix into an ultra-agile solution that can easily be tailored according to a company's size, maturity, and process complexity.

## Use Cases and Benefits

Depending on the size, maturity and complexity of your business and operations, it is understood that for some customers, a single, integrated risk and compliance management solution is not feasible. However, in most cases, especially for companies in the natural resources industry where there is a direct impact on surface (land/water/air), there is a clear and real connection between traditionally siloed risk disciplines.

For example, a quality issue on a project/asset/operation/process can certainly materialize into a safety, environmental, social, and/or business issue. In fact, key IsoMetrix oil and gas customers have included these associations and impacts in their risk matrices, including looking at process safety impacts.

As any oil and gas company knows, work stoppages, or non-production time, has a material impact on the financial state of the business. As such, oil and gas companies are leveraging IsoMetrix to support:

- Quality Management Solutions for capital projects and operations
- Upstream, midstream and downstream focus on social performance management and the social license to operate
- Project and operational risk management
- Permits, approvals and compliance management, including integrations with scheduling management solutions
- Cross-functional EHS and process safety management

Given the ever-growing technology landscape and the drive towards digital transformation that is occurring across the oil and gas industry, companies are also looking for technology solutions that can contribute to an overall digital ecosystem. While some companies leverage IsoMetrix as the heart of the risk management digital toolset, the drive by many companies is a view towards integrated operations, which requires the integration of multiple pieces of technology. This includes leveraging:

- Sensors, drones, meters, etc. that comprise the internet of things
- Enterprise applications for ERP, maintenance management, scheduling, etc.
- Production, drilling, wells, and operational technology
- Cloud infrastructure and big data management
- Analytics and business intelligence tools



IsoMetrix works seamlessly with this digital ecosystem, providing benefits such as:

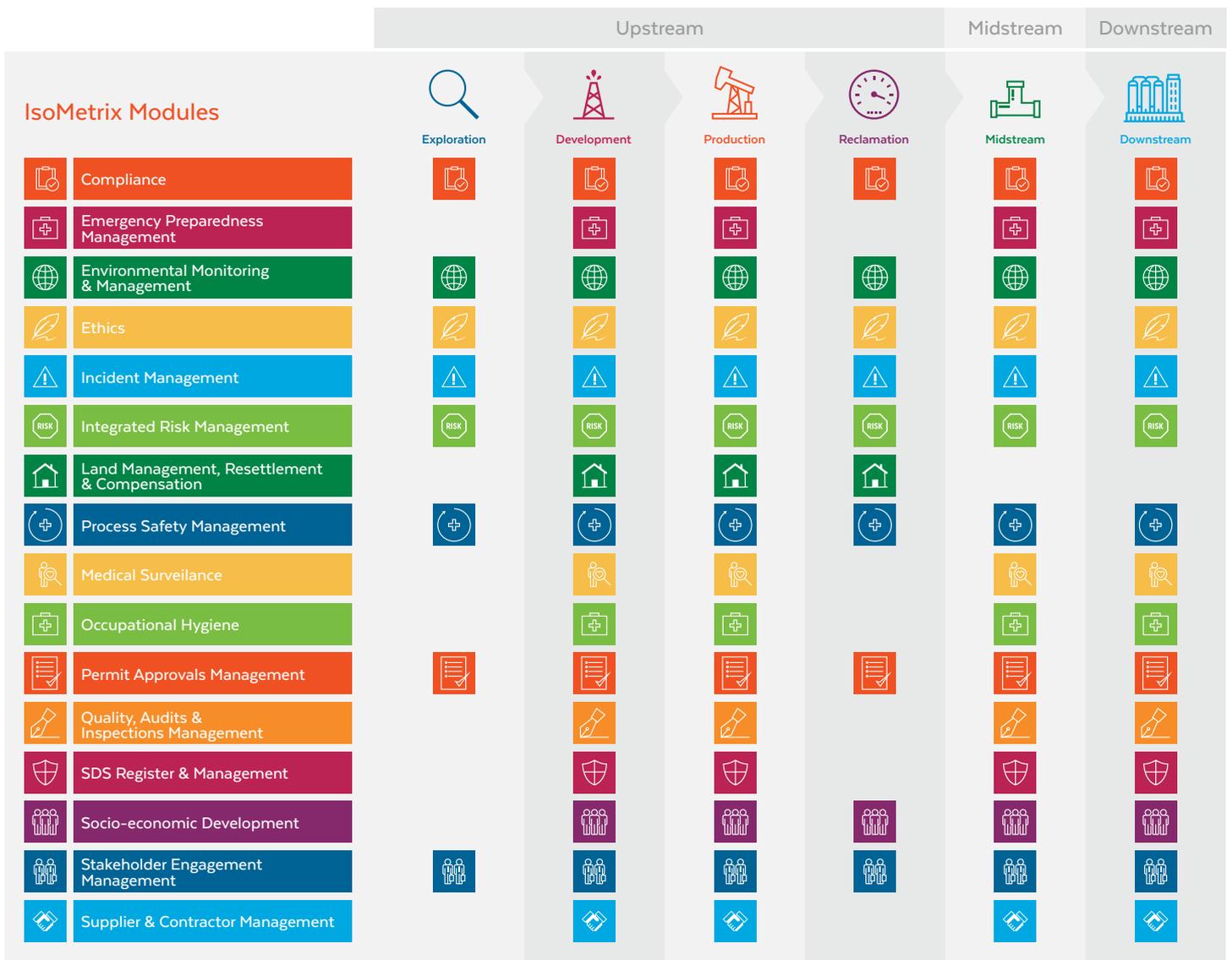
- Access to real-time/near real-time analytics
- Self-service dashboards and analytics
- Push/pull of information into data warehouse for integrated corporate reporting across operations
- Cross-discipline risk analysis to “connect the dots” between various risk disciplines
- Centralized action/task management for increased accountability

IsoMetrix works at all layers of your business, allowing you to foster a culture of responsibility and continual improvement, with clear visibility of progress against operational and strategic objectives.

“High quality sustainability reporting is an enabler of transparency, performance improvement and stakeholder engagement. When done well, it provides a valuable platform to describe how key issues in the oil and gas industry are being addressed.” - *IPIECA*

“It has been a real pleasure for me to work with the IsoMetrix team over these past few years. I am a strong advocate for the IsoMetrix platform and have not seen anything to damp my enthusiasm for its design or its capabilities.”  
*Senior Enterprise Advisor, O&G Supermajor*

## Oil and Gas Life Cycle



✉ If you have any questions about IsoMetrix or our solutions, please contact the sales team at [sales@isometrix.com](mailto:sales@isometrix.com)

[isometrix.com](https://isometrix.com)

Our solutions include: Health, Safety & Environment • Enterprise Risk Management • Social Sustainability • Governance & Ethics • Legal Register • Compliance • Process Safety • Environmental Sustainability • Contractor Management • Business Continuity Management • Document Management • Quality Management • Food Safety • Land Management & Resettlement • Occupational Health • Occupational Hygiene • Primary Healthcare & Wellness • Process Compliance & Assurance • Tailings Management