



Your trusted partner in the journey to a sustainable tomorrow.

ISO METRIX

Environmental, Health and Safety Management

Reduce risk and cost with the IsoMetrix Environmental, Health and Safety (EHS) solution. IsoMetrix helps you manage your EHS processes and drive operational performance improvement.

IsoMetrix combines EHS processes in a dynamic, flexible and systematic way. This provides you with a single, comprehensive and integrated management solution.

Effective EHS management requires workforce engagement. Your team members should embrace the EHS objectives as their own. IsoMetrix is designed to help them do just that. User friendly and intuitive interfaces make for rapid adoption of the software and promotes of a culture of participation to achieve corporate goals.

Drive compliance with international management system standards and guidelines such as: ISO 9001, ISO 14001, ISO 45001, ISO 22000, ISO 31000 and many more.

Plan, Do, Check, Act and Review simplified

Integrated processes managed within the IsoMetrix EHS Suite:

Risk Management

Improve the visibility, management and reporting of risk to prevent incidents and losses before they occur. The integration between risk assessment and the audit, inspection and incident management processes, together with insightful dashboards, ensure that risk registers are current and relevant.

Bowtie Risk Visualization (optional)

Build an entire bowtie visually, from within the software. Fully integrated with the IsoMetrix Risk Management module, the bowtie interface allows you to analyze Priority Unwanted Events and set up controls to prevent threats and manage consequences. The controls you have identified as critical are then included in the Critical Control Effectiveness Monitoring process.

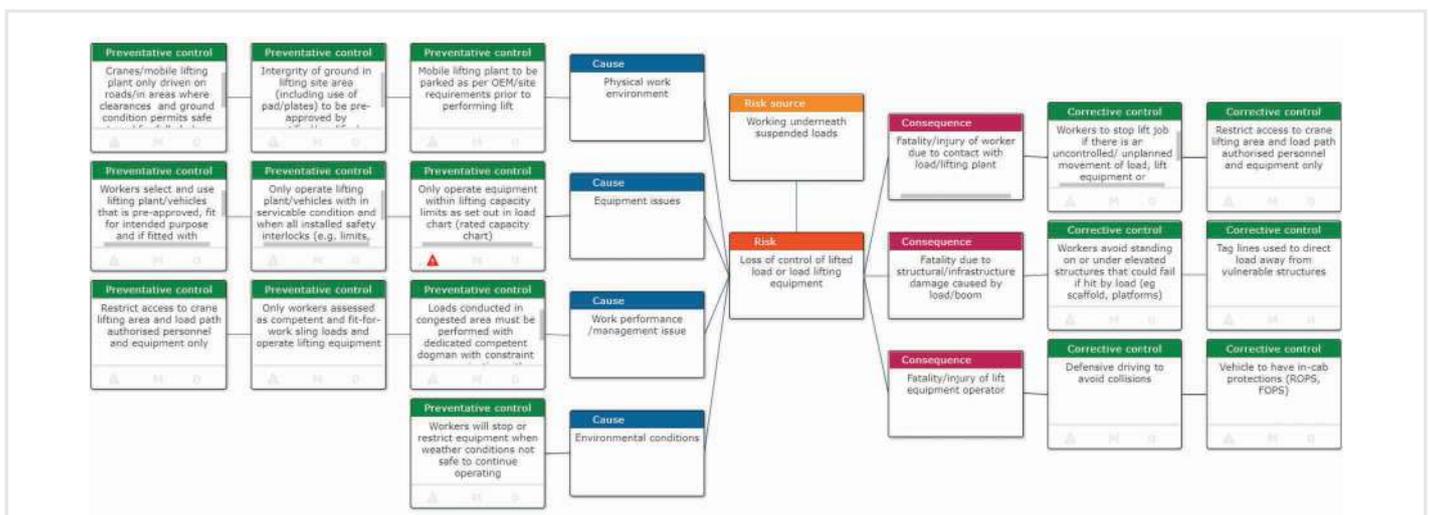
Drive innovation, promote engagement and capture great ideas.

Incident Management

Manage occurrences of incidents that result in loss or which cause an interruption to standard operations. IsoMetrix software supports the entire process - from identification, investigation and analysis, through to action management - facilitating performance improvement. All major analysis methodologies, such as root cause or ICAM, are accommodated.

Audit & Assessment

Compile a complete audit report directly from the software. IsoMetrix supports the entire audit process from scheduling an audit, audit execution, management of findings, corrective and preventative actions and compiling reports and dashboards.



Bowtie View



EHS Interface

Inspections Management

Generate inspection plans based on risk analysis, incident trending or any other available data. Save the key data into IsoMetrix and generate reports and dashboards effortlessly. Inspection teams spend less time writing reports and more time in the field. Comprehensive action plans facilitate continual improvement.

Compile a complete audit report directly from the software.

Training & Competence

Perform risk based training needs analysis through the risk assessment, incident and audit modules. Schedule and accurately track and report on employee training, licensing, certifications and qualifications for employees and contractors.

Contractor Management

Reduce risks associated with contractors by enabling better management of contractor information on site. The module maintains records of the work scope per contractor, risk reviews, personnel records, training records, equipment and vehicle registers.

Stakeholder Management

Identify and prioritize stakeholder and community issues, controls and actions, thereby ensuring commitments and obligations are managed effectively.

“The biggest impact that IsoMetrix has made on our company is trend analysis.” *Miriam Tenyane, General Manager Risk & Safety at Transnet Engineering*

Material Safety Data Sheets

Manage hazardous substances effectively through the provision of advanced safety data sheets for all hazardous substances. Advanced search functionality based on detailed product metadata allows for the rapid retrieval of relevant data sheets by users.

Personal Protective Equipment (PPE)

Gain the ability to effectively monitor and control PPE items. Track which items are being used by employees and monitor supply levels.

Meeting Management

Manage meetings effectively. Define meeting profiles and attendee groups which are then leveraged to support all phases of the meeting lifecycle from initial scheduling through to the conduct of the meeting (recording minutes, resolutions and actions), publishing of meeting minutes and active tracking of actions and commitments.

Action & Issue Tracking

Track actions from creation to close-out, with automatic notification and escalation improving completion rates and facilitating exception management. Drive a culture of accountability within the organization through visible allocation of tasks, with feedback frequencies set against longer term actions.

Management Review

Schedule, record and track all management review meetings, related documents and activities in line with the requirements of ISO 9001, ISO 14001 or ISO 45001. All the necessary information is organized in one central location and actions are managed centrally in the action manager.

“Although the system is theoretically EHS software, it has been described by some members of EXCO as a full management solution.” *Miriam Tenyane (General Manager: Risk and Safety, Transnet Engineering)*

Ideas and Suggestions Management

Drive innovation, promote engagement and capture great ideas. Gather ideas from users, analyze and action them fostering continual improvement.

Document Management

Provide users with quick access to the most important documents whether they are uploaded into IsoMetrix or stored securely in a third party document management

system. The module is fully searchable via custom metadata and the associated action manager allows the business to drive actions around these documents. IsoMetrix also integrates seamlessly with a variety of document management applications ensuring that relevant documents are available to users and can be linked to a variety of records within IsoMetrix.

Strategic Objectives

Get complete visibility into the status of your objectives and targets. Create a hierarchy of objectives and targets for the business and set specific target dates and action plans for achieving these. Link all relevant actions from other modules to these objectives and targets to create a comprehensive management program for the business.

Permits and Approvals

Enable the tracking of critical dates, such as permit expiry dates, obligations and conditions to ensure compliance across the organization.

Emergency Preparedness

Test emergency preparedness plans through regular exercises or drills, such as fire drills, emergency evacuations or any other exercise that the organization needs to carry out. The module allows these drills to be planned and executed on a location by location basis across the organization and keeps records of lessons learned from the results.

Non-Conformance Management

Enforce the identification and documentation of non-conformance events and follow a structured analysis and root cause identification process as well as preventive and corrective action planning.

Additional Modules Available for the EHS Solution

Legal Compliance Knowledge Base

Know your compliance requirements. Legal compliance can only be achieved and sustained once the applicable legal requirements have been identified and integrated into a management system. The purpose of the Legal Register is to identify and present applicable legal requirements in simple layman's language while eliminating unrelated information.

Compliance Management

Gain a view of your compliance status. Drawing from the legal knowledge base, the Compliance Management module helps compliance teams quickly identify company business processes directly impacted by each compliance requirement. Compliance teams can then engage business process owners using targeted compliance assessment campaigns, control self-assessments and action plans to remediate compliance issues as efficiently and effectively as possible.



Event Overview



Action Overview

Behavior Based Safety (BBS)

Implement an effective BBS process. IsoMetrix supports a systematic process which focuses on what people do, analyzes why they do it, and then facilitates the development of an intervention strategy to improve the way work is done and how people behave.

Sustainability Reporting

Track data at multiple monitoring locations and expose exception levels. The monitoring modules are used to characterize and monitor the range of parameters required for effective EHS management. Powerful dashboards bring this valuable information into decision-making processes.

IsoMetrix facilitates sustainability reporting according to global guidelines such as the Global Reporting Initiative (GRI).

Occupational Hygiene Management

Empower occupational hygienists to effectively identify hazards and mitigate risks to promote a healthy work environment. Developed with input from respected occupational hygiene specialists, IsoMetrix not only assists hygienists to pro-actively manage hygiene data, but also facilitates continuous improvement in working conditions within organizations.

Occupational Health Management

Enable the secure tracking of medical trends and management of compliance to regulatory requirements. The powerful dashboards and action management features empower management to make informed decisions on how to improve employee health and productivity and ultimately to reduce absenteeism.

Benefits of an integrated EHS solution

IsoMetrix enables companies to automate environmental, health and safety management, thereby increasing efficiency and reducing cost:

- Standardization of EHS best practice processes throughout the organization
- Automated notifications and reminders together with security based work process flow
- Visible performance monitoring and process optimization
- Reduction in risk and costly incidents
- Reduced absenteeism
- Reduced data redundancy
- Increased data and information security
- Reduction in administrative burden and costs
- EHS teams spend less time writing reports and more time in the field and thinking strategically



Injury Frequency Overview



Risk Overview



Audit Overview

Integrated Management

The IsoMetrix philosophy is built on integration. Because IsoMetrix is an agile software solution, an organization has the ability to add on components as they need to expand their business requirements. Replace ineffective stacks of paper, Excel spreadsheets and independent in-house systems.

Integration offers tremendous benefits – IsoMetrix exploits them all. And whether your organization has one module or fifty, your IsoMetrix system will share and integrate your data through sophisticated dashboards, allowing for trending, risk analysis and management by exception.

Integrated EHS software is critical to any effective and sustainable management system. Analysis of your organization's data, in ways that have not been looked at before, can lead to positive change. This type of trending can only be accomplished with a software solution that can integrate all aspects of the EHS program into one centralized database.

Create a comprehensive management program for the business.

Rapid Return on Investment

Achieve a rapid return on investment, based on the rapid deployment of our out-of-the-box solution with predefined security roles, workflows, reports, dashboards and content that can be further tailored to your organization's requirements, with configuration being completed by the end user.

Simple to Use

IsoMetrix has been designed with ease of use as a focal point, yet is incredibly powerful, providing administrators with seamless control over tailoring the configuration to suit the specific requirements of your organization.

Mobile Functionality

Empower front line workers by taking IsoMetrix into the field. IsoMetrix is a web-based tool that you can access on any smart device. Any module in IsoMetrix can be converted, instantly, automatically into an off-line app for Android or IOS, allowing you to easily capture and edit records that will automatically upload when you reconnect to the server.

The apps allow you to upload photos or videos, as well as recording your GPS coordinates. It is ideally suited to managing Stakeholder Engagements (surveys, meetings, complaints and grievances); Event Reporting (hazard observations, near miss reports and incidents); and Audits and Inspections.

Apps can be easily tailored to ensure they are kept as simple as possible, special features include voice to text translation and in-app search for existing records.

Cloud Hosting

In addition to providing more traditional "on premise" installations, our full suite of modules is available in an easily accessible, adaptable and scalable cloud environment that is highly secure and dependable.

Improve the visibility, management and reporting of risk to prevent incidents and losses before they occur.

The IsoMetrix cloud is held within the Microsoft Azure platform, whose global facilities are certified against the international security standard ISO 27001. Choose between dedicated and shared resources depending on budget and governance restrictions.

Notification & Escalation Engine

Simple configuration of business rules using the highly configurable notification and process flow security engine will effectively automate notifications and reminders as well as process flow.

Integration

Increase cost savings and enhance productivity by integrating IsoMetrix with other enterprise applications such as SAP with our Web Services and APIs, allowing real time integration touch points.

IsoMetrix delivers business value immediately because few new skills are needed to product custom IsoMetrix functionality. IT managers and Business Analysts can:

- Rapidly create cutting edge functionality that focuses on the EHS processes that matter most to business users
- Quickly extend and enhance those applications, as business needs change.



Powerful data visualization from IsoMetrix dashboards

There is a wide range of standard dashboards for you to modify to create reusable storyboards through a simple drag and drop approach. You are no longer limited by linear exploration within partial views of data, or slowed down by cumbersome data preparation. Our intuitive interfaces let you uncover hidden trends, and make discoveries that drive innovative decisions.

- Uncover hidden trends and make discoveries that drive innovative decisions.
- Ask questions and pursue insights on your own or collaboratively.
- Search across all your data to get the big picture—get results that let you see new connections and relationships across your data.

“The user friendliness and flexibility of IsoMetrix surpasses that of any other system I have been exposed to.” *Greg Alborough (Director - SHEQ: Corporate Services, EnviroServ)*

✉ If you have any questions about IsoMetrix or our solutions, please contact the sales team at sales@isometrix.com

[isometrix.com](https://www.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 Access & Resettlement • Occupational Health • Occupational Hygiene • Primary Healthcare & Wellness • Process Compliance & Assurance • Tailings Management