

About EHS Application

EHS application is a unifies Environment, Health, Safety (EHS), ESG, Sustainability, Risk, Compliance, Inspections, Audits, and Operational Excellence into a single digital platform.

Built by industry experts, EHS application helps organizations improve workplace safety, strengthen compliance, reduce risks, and achieve sustainability goals through intelligent digital transformation.

Centralized EHS Management

Manage safety, compliance, inspections, audits, and corrective actions from a single platform.

Real-Time Compliance & ESG Visibility

Monitor regulatory obligations, ESG performance, risks, and sustainability metrics with actionable insights.

Industries We Serve

EHS Application is designed for organizations across diverse industries, including **Oil & Gas, Manufacturing, Construction & Real Estate, Mining, Chemicals & Petrochemicals, Energy & Power, Rail & logistics, Pharmaceuticals, Healthcare, Food & Beverage, Maritime & Ports, and Facilities Management**, seeking to strengthen safety,

Modules Offered in EHS Application

Incident Management – Capture, investigate, and resolve incidents, near misses, and unsafe conditions to prevent recurrence.

Risk Management – Identify, assess, and control risks proactively to protect people, assets, and operations.

Inspection Management – Conduct digital inspections and track findings, corrective actions, and compliance status in real time.

Audit Management – Plan, execute, and monitor audits while managing findings and corrective actions efficiently.

Permit to Work (PTW) – Control high-risk activities through structured permit approval, authorization, and monitoring workflows.

Observation Management – Record and track safety observations, unsafe acts, and unsafe conditions to drive proactive improvements.

Training Management – Manage employee training, certifications, competency assessments, and compliance requirements from a centralized platform.

Toolbox Meeting Management – Schedule, conduct, and document toolbox talks to improve workforce awareness and safety engagement.

Carbon Emission Management – Measure, monitor, and report greenhouse gas emissions to support ESG and sustainability objectives.

Air Quality Monitoring – Track air quality parameters in real time to ensure environmental compliance and workplace health protection.

Chemical Management – Maintain chemical inventories, Safety Data Sheets (SDS), and compliance controls for safe chemical handling.

Hazard Management – Identify, assess, prioritize, and mitigate workplace hazards before they lead to incidents or injuries.

Waste Management – Monitor waste generation, segregation, disposal, and reporting to improve environmental performance and compliance.

Business Benefits of EHS Application

Improve Compliance Performance

Stay aligned with regulatory requirements through automated tracking, alerts, and centralized compliance management.

Reduce Operational Risks

Identify hazards and manage risks proactively to prevent incidents, disruptions, and costly penalties.

Increase Workforce Safety

Strengthen safety culture by streamlining incident reporting, inspections, audits, and corrective actions.

Enhance Operational Efficiency

Replace manual processes with digital workflows, reducing administrative effort and improving productivity.

Gain Real-Time Visibility

Access dashboards, analytics, and reports for faster decision-making and better performance monitoring.

Support ESG & Sustainability Goals

Track environmental, social, and governance metrics, including emissions, waste, and sustainability initiatives from a single platform.

AI Features in EHS Application

AI Vision-Based Safety Monitoring

Real-time AI vision detects safety risks, violations, and incidents.

Intelligent Duplicate Detection

AI detects duplicate observations using semantic understanding and image validation.

Reoccurrence Detection & Pattern Analysis

AI identifies repeated issues and patterns with severity classification

AI-Powered Root Cause Analysis

AI generates structured, non-generic root cause analysis for incidents.

Smart RCA Decision Engine

AI decides if RCA is required and provides justification, priority, and auto-generated RCA.

Consequence & Risk Prediction

AI predicts potential observances, risks, impact, and worst-case scenarios.

AI Vision-Based Evidence Analysis

AI analyzes and compares images to understand conditions, hazards, and context.

Trend & Frequency Analysis

AI tracks issue frequency and trends for proactive safety management.