VAIL-AIPS®

ASSET INTEGRITY PROCESS SAFETY MANAGEMENT SYSTEM
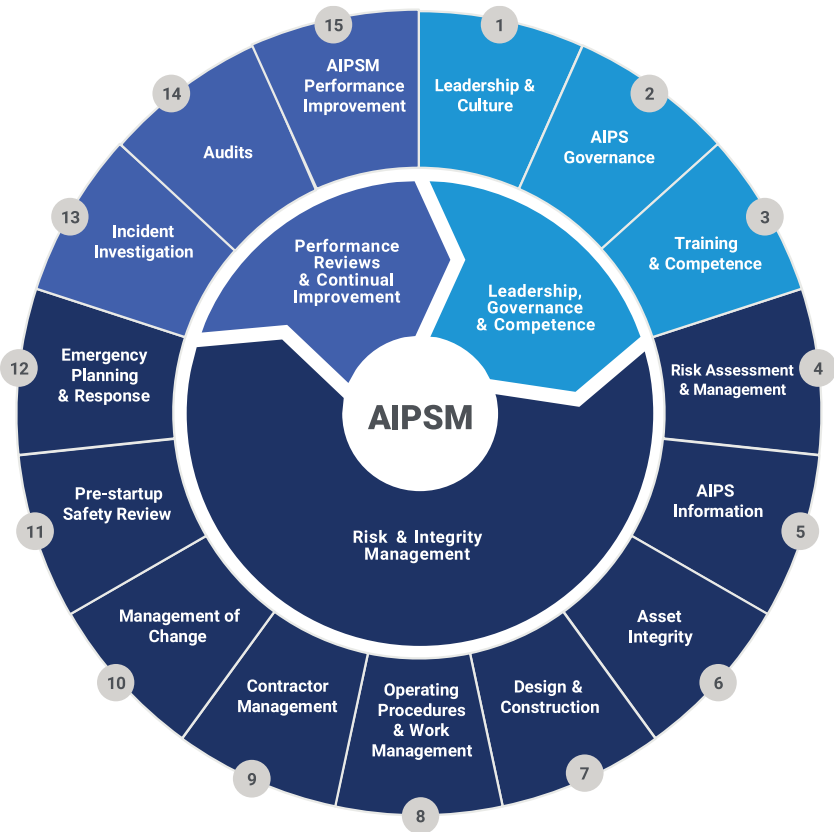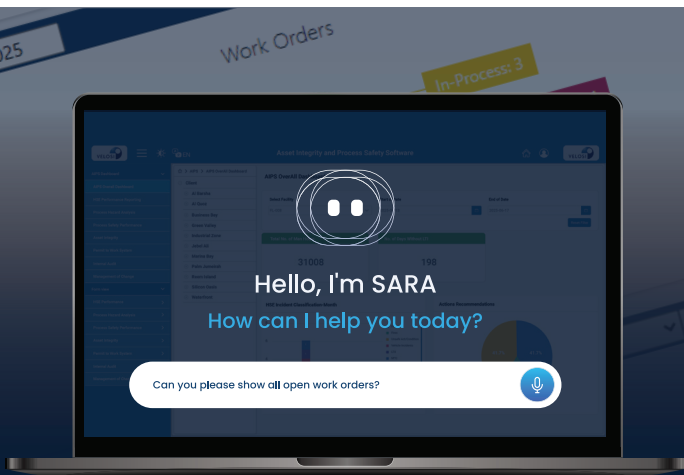
A One-Stop Solution for Asset Integrity, HSE & Process Safety!

VAIL-AIPS® (Asset Integrity Process Safety Management System) is an advanced solution designed to enhance safety and operational efficiency within industrial environments. VAIL-AIPS® provides a comprehensive approach to managing asset integrity, ensuring that all assets are maintained, monitored, and optimized throughout their life cycle. Advanced reporting and recording capabilities within VAIL-AIPS®, enable organizations track asset performance, identify risks, and implement proactive maintenance strategies. With customized dashboards, users can easily visualize data and make informed decisions to enhance asset reliability and longevity.

Elements of VAIL-AIPS®

Elements of VAIL-AIPS® wheel diagram:

- 1 — Leadership & Culture
- 2 — AIPS Governance
- 3 — Training & Competence
- 4 — Risk Assessment & Management
- 5 — AIPS Information
- 6 — Asset Integrity
- 7 — Design & Construction
- 8 — Operating Procedures & Work Management
- 9 — Contractor Management
- 10 — Management of Change
- 11 — Pre-startup Safety Review
- 12 — Emergency Planning & Response
- 13 — Incident Investigation
- 14 — Audits
- 15 — AIPSM Performance Improvement

Inner ring: Leadership, Governance & Competence; Risk & Integrity Management; Performance Reviews & Continual Improvement

Center: AIPSM

Effortless Navigation with our
AI Powered Voice Assistant

Hello, I'm SARA
How can I help you today?

Can you please show all open work orders?

Introducing " SARA "

- Velosi's most capable AI voice assistant in VAIL-AIPS®

Real-time, hands-free access to inspection data, risk assessments, safety compliance, and performance insights with Velosi's most capable AI voice assistant, SARA in VAIL-AIPS®. This advanced integration combines the power of AI with instant voice accessibility to streamline asset integrity and safety workflows.

SARA in VAIL-AIPS® is not just an ordinary assistant; it's your voice-activated command center for safer, reliable, and more efficient operations.

SYSTEMATIC

Streamlining business processes
with a methodical approach

ACCURATE

Precision-driven, real-time insights
to support your decisions

RELIABLE

Built to perform consistently,
no matter the challenge

ACCESSIBLE

Access the power of AI, wherever
you are, whenever you need it

Introducing " SARA-BOT "

Your Smart Digital Assistant for Seamless Operations

SARA-BOT, Velosi's advanced AI-powered Chatbot Assistant, is systematically structured to support asset integrity and process safety teams. It enhances user interaction and streamlines integrated safety operations within the entire VAIL-AIPS® software.

SARA-BOT is more than just a digital interface chatbot; it is your 24/7 available assistant, capable of handling queries, navigating workflows, and providing instant support in real-time through simple, conversational commands.

Let SARA lead the conversation toward smarter, safer operations!

SARA-BOT Features

24/7 24/7 availability to eliminate delays in critical information access

Enhanced user experience with intuitive navigation and provisional assistance

Instant Response to User Queries

Step-by-Step Guidance through Complex Processes

Major Features of VAIL-AIPS®

» HSE Performance Reporting

» Process Hazard Analysis

» Risk Register

» Process Safety Performance

» Asset Integrity Performance

» Audit Results

» Management of Change Register

» Permit to Work

◉ HSE Performance Reporting

VAIL-AIPS® is designed to prioritize health, safety, and environmental management by integrating critical safety features. It offers comprehensive reporting and documentation tools to capture safety performance and compliance metrics effectively. By promoting a strong safety culture, VAIL-AIPS® helps mitigate risks and ensures a safer working environment.

Major Features:

- Health
- Safety
- Environment
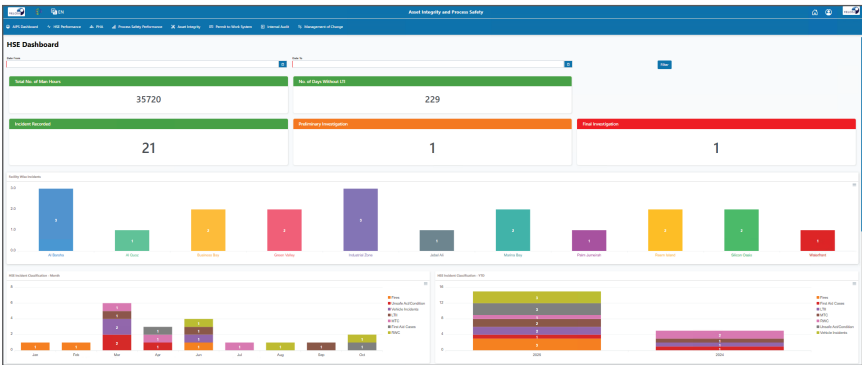
◉ Process Hazard Analysis

VAIL AIPS® helps you identify, evaluate, and control potential risks in your operations before they escalate. With integrated tools for hazard recognition and structured risk management, the system ensures you remain proactive, compliant, and operationally safe.

Major Features:

- Hazid
- Job Safety Analysis (JSA)
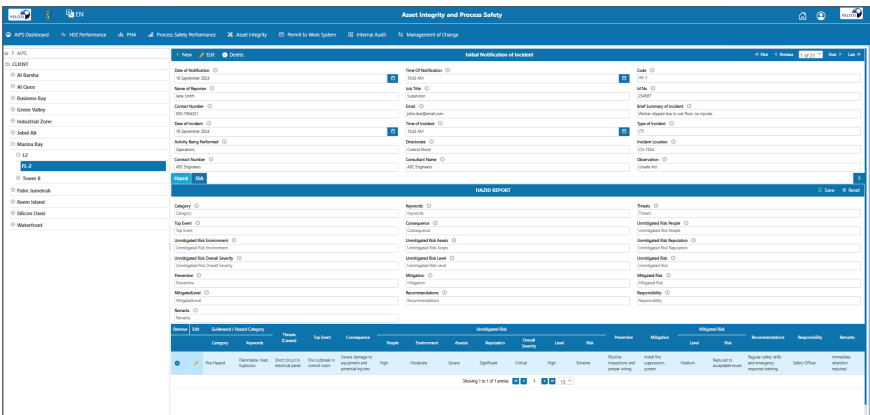
◉ Risk Register

The Risk Register module with VAIL-AIPS® Software enables organizations to systematically identify, evaluate, and monitor operational risks across all divisions and locations. Interactive dashboards provide real-time insights into risk levels, trends, and help organizations take mitigation actions. Visual tools like the Risk Matrix and category-wise breakdowns help prioritize safety interventions. Built for compliance and safety excellence, the module ensures data-driven decision-making.
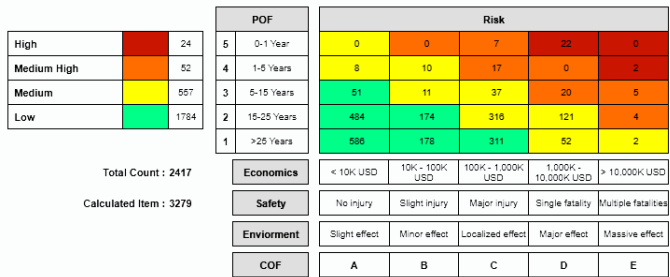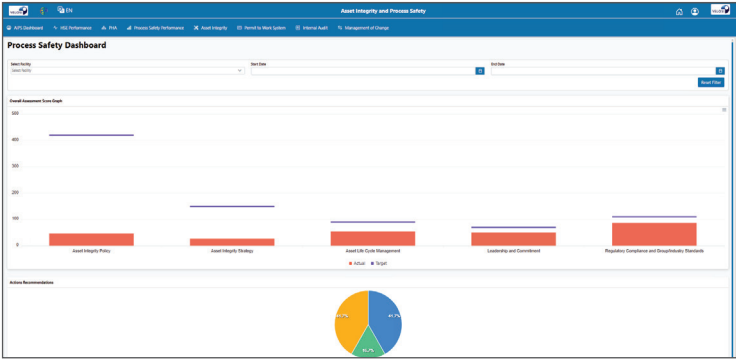

◉ Process Safety Performance

VAIL AIPS® provides real-time visibility into process safety performance through intuitive, interactive dashboards. It empowers organizations to identify potential hazards, respond promptly, and maintain safe, reliable operations. With a strong focus on risk management and regulatory compliance, VAIL AIPS® plays a critical role in preventing incidents involving hazardous materials.

Major Features:

- Operation Event Log
- Alarms Management
- Shift Handover
- Overall Risk Register
- Audit Spreadsheet
- Audit Actions
- Training Conducted
- Emergency Drill

◉ Asset Integrity Performance

VAIL AIPS® ensures the long-term reliability, performance, and safety of critical assets through a comprehensive Asset Integrity framework. The system enables proactive monitoring, assessment, and maintenance strategies aligned with industry standards.

Major Features:

- Integration with APMS & CMMS Softwares
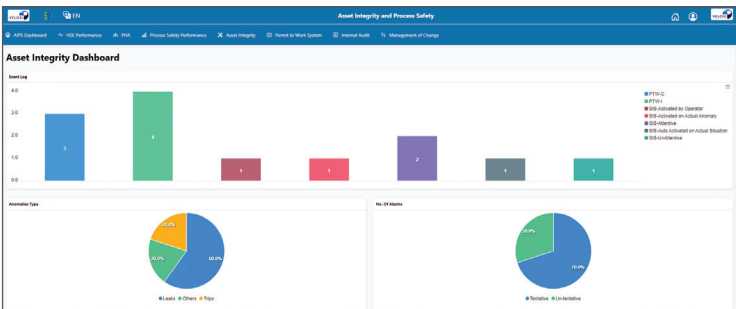
◉ Audit Results

VAIL AIPS® facilitates a structured approach to internal auditing, ensuring that organizational processes comply with defined standards and continuous improvement is achieved. The system supports planning, scheduling, execution, and follow-up of audits with full traceability.

Major Features:

- Master Internal Audit Plan
- Internal Audit Schedule
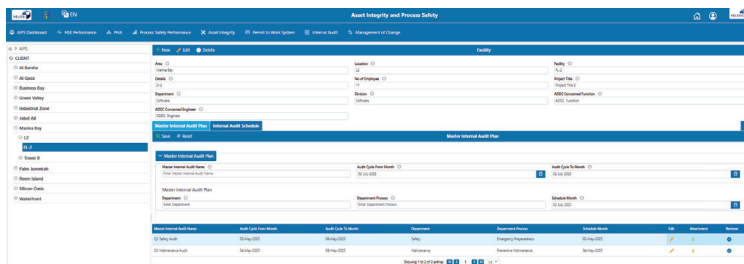
◉ Management of Change Register

VAIL AIPS® supports structured and traceable change management processes to ensure that modifications to equipment, procedures, personnel, or operations are evaluated and approved before implementation. The MoC module helps maintain operational integrity, minimize risk, and ensure compliance with safety and regulatory standards.

Major Features:

- Structured Change Workflows
- Traceability and Audit Trails
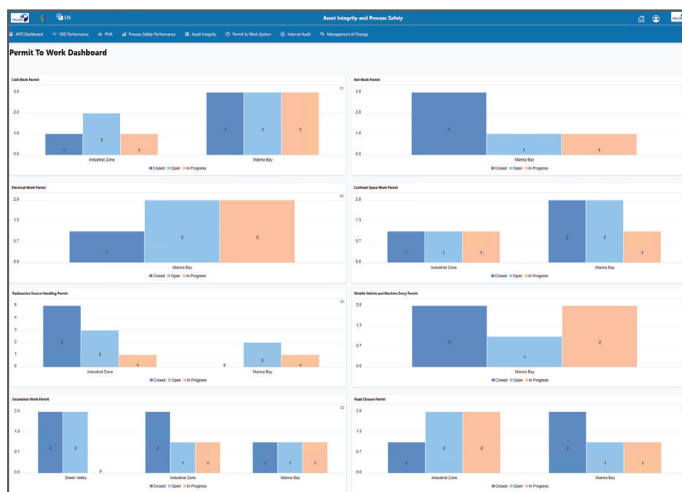- Multi-Level Approvals
- Change Impact Analysis
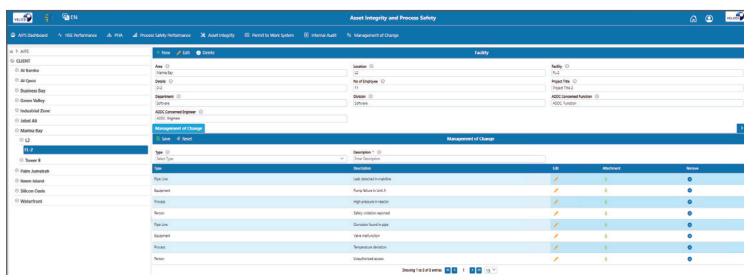
◉ Permit to Work

VAIL AIPS® enables structured control of high-risk activities through a comprehensive Permit to Work system. The platform ensures proper authorization, risk assessment, and implementation of control measures before the commencement of any task, promoting a safe and compliant work environment.

Major Features:

- Cold Work Permit
- Hot Work Permit
- Electrical Work Permit
- Confined Space Work Permit
- Radioactive Source Handling Permit
- Mobile Vehicle and Machine Entry Permit
- Excavation Work Permit
- Road Closure Permit
- Easement Work Permit
- Isolation Confirmation Certificate
- Permit to Work Review Checklist

Some of Our Clients

REQUEST FOR DEMO

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GET IN TOUCH WITH US

DIGITAL BROCHURE

VAIL-AIPS®

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