ABS Group

SALUS

RISK MANAGEMENT

BOWTIE SOFTWARE SOLUTION

ABS Group's Software Solutions team have developed and collaborated on a wide range of operational risk mitigation software packages, enabling businesses to meet regulatory compliance and provide safe operating conditions for staff and the surrounding environment.

ABS Group provides holistic enterprise risk management tools to help you identify, analyze and manage hazards. We are now partnered with Salus Technical and their Bowtie Master Software which helps document risk in a systematic manner, making the control of hazards easier to understand.

Developed to assist risk managers and stakeholders in their decision-making process, Bowtie Master delivers a simplified and comprehensive risk management solution for mapping threats, risk events and consequences at all levels of an organization—from the front-end engineering design stage through to operations and decommissioning.

What is Bowtie Master?

Bowtie Master is a cloud-based, cost-effective and reliable way to assess the diverse risks facing an organization. The software integrates with risk management to enable seamless communication of safety, reliability and business continuity across the enterprise.

The software enables organizations to identify:

- **Cause** by identifying major threats and ranking the identified risks and threats according to severity
- **Incident scenario** by identifying reference accident scenarios and
- **Effect** by showing consequences as a result of an incident, with barriers in place to prevent or control the event from happening
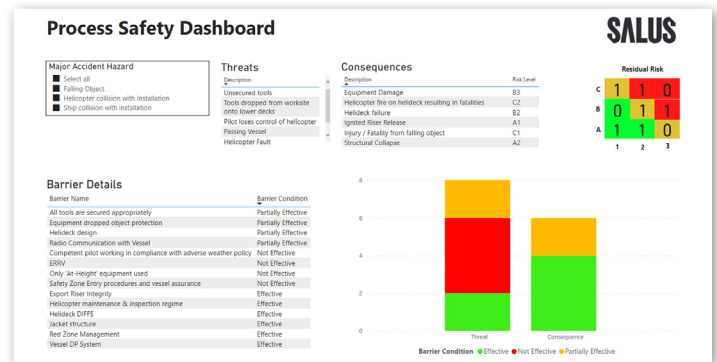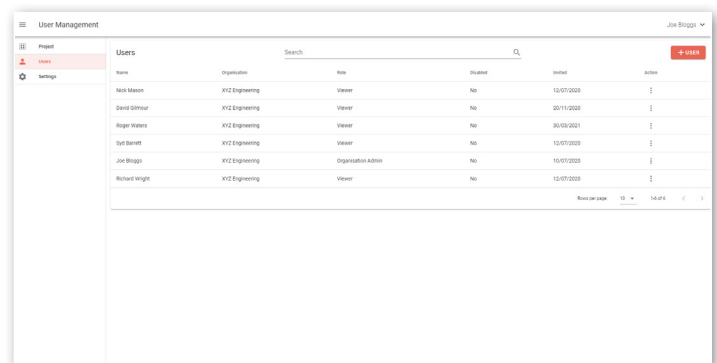
Features

- Web-based application that can be securely accessed from any device
- Easily build bowtie diagrams using drag & drop
- Communicate directly with other software such as Power BI
- Update your bowties automatically using our REST API
- Fully customize your metadata, risk matrices or terminologies
- Share a live link of each bowtie diagram with your team
- Import and export bowtie diagrams with Microsoft Excel
- Facilitates integration with overall business model and operational decisions
- Demonstrates hazards are being controlled
- Illustrates direct link between controls and elements of management system
- Can be applied in line with other organizational and socio-cultural performance matrices such as key performance indicators (KPIs)
- Integrity assessment of all safety critical controls

Risk Visualization

- Auditing (ISO 9001)
- Brainstorming, information capture, risk identification and planning
- HAZID, HAZOP, and GAP analysis

Risk Ranking and Profiling

- Customizable risk assessment matrices
- Mitigation effectiveness scoring
- ALARP