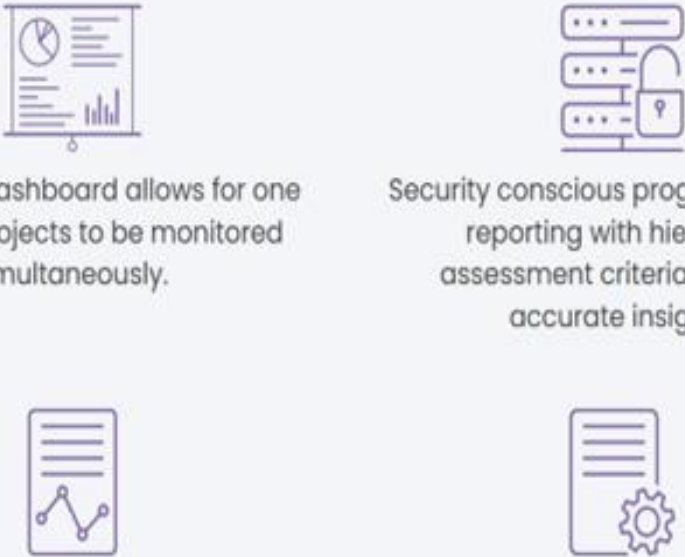


## Safran Risk Manager

Safran Risk Manager was developed by risk managers for anyone on the team seeking to understand and mitigate risks. The risk managers behind the scenes figured they weren't the only ones out there that were looking for a better way to catalogue and monitor their risks to focus on the threats and opportunities that needed attention. The goal was to come up with a solution that was easy to use, yet more powerful than in-house, custom-built solutions. It was important to provide a solution that could be used anywhere, by anyone on the team. It needed to have a small learning curve with role-based restrictions that were not as complicated as bigger enterprise risk management products, while also being customizable in a way that would suit the needs of an organization.

In addition, Safran Risk Manager will consider the projects that are ever-changing. It should be a solution that allows risk managers to help decision makers understand the success or failure of treatment actions being undertaken, as well as the importance of taking remedial actions, in a timely way, to keep the project on track.

It is time to break down the typical silos that exist in most projects and work collaboratively. Rather than providing mere predictions of what could happen; the project control professional can now shift to continuously and collaboratively monitor the project with the intent of being able to sense and



Real-time dashboard allows for one or more projects to be monitored simultaneously.

Security conscious program analysis reporting with hierarchal assessment criteria for more accurate insights.

Bespoke scoring systems meet individual customer requirements.

Compatible with 3rd Party reporting tools such as PowerBI.

## Key Benefits

An intuitive, feature-rich risk management platform for the entire project team.

### Holistic View of Risk

Our risk management platform enables you to bring together day-to-day risk attributes for multiple projects into a single cloud-based database. With a holistic view of your projects, it's easier to spot relational insights and give immediate or explicit cost benefit analyses. It's a fully scalable solution, too: equally suited to massive projects involving numerous key players or smaller projects with teams operating on a much more modest scale.

### Greater Control

Safran Risk manager also gives you greater control. You can easily document and analyze Risks improving transparency and visibility across project portfolios Crucially, this applies not only to the identification and prioritisation of risk, but potential treatment opportunities as well. You can even identify key risk drivers and measure the impact of remedial actions that could (or have) been taken to mitigate threats or exploit opportunities. This allows key stake holders to Re-evaluate, adjust and take appropriate actions which, in turn, helps project managers uncover new ways to mitigate threats as the project proceeds and avoid unexpected cost overruns



## Key Features

Several core features combine to make Safran Risk Manager the perfect tool for projects of any size.

### Risk Identification

A high speed, mobile-enabled, workflow-controlled method for collecting potential risk data across the project team. Straightforward and easy to use.

### Monitoring Risk Management

Monitor all aspects of the risk management process. This covers every stage of the project, from action delivery, risk reviews, and contingency control, to risk management process adherence and alerts.

### Cross Organisational Reporting

Report on single or multiple projects, programmes, portfolios, or full organisations using hierarchical assessment criteria.

### Configurable, Multi-Lingual Interface

Configure every aspect of the software, ensuring it aligns to existing risk management approaches. You can even customise the software's language using the language dictionary.

### Actionable Insights

Identify project issues faster and make better decisions. Insights can be presented via the platform's intuitive dashboard or in simplified reports.

### Risk Register

Search and update various risks individually or in bulk. The in-built risk register is designed around the bowtie methodology – with support for multiple causes, consequences and actions.

## Risk Manager When benefits and Features combine

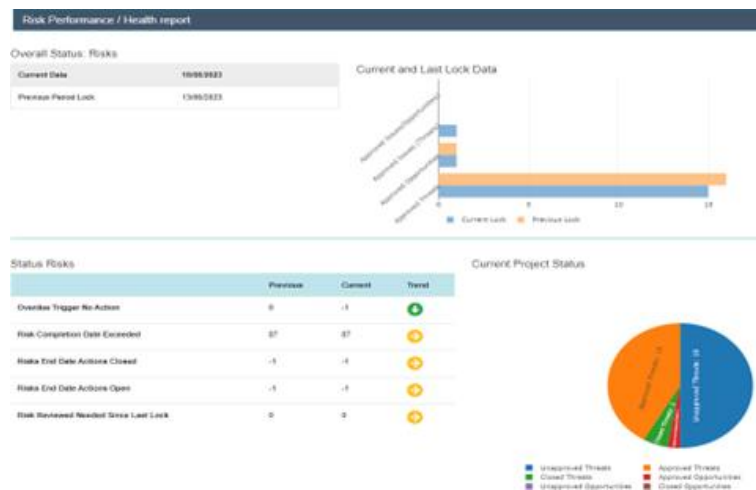
### Collaboration

Collaboration lies at the heart of Safran Risk Manager. Our platform is designed to make it as easy as possible to perform a diverse range of tasks, from communicating project status updates and tweaking mitigation plans, to incorporating agile methodologies and responding to emerging threats throughout the project lifecycle.

It provides a single intuitive platform from which risk managers, team members, and project stakeholders can work side-by-side to identify, assess, treat, and monitor risks and opportunities.

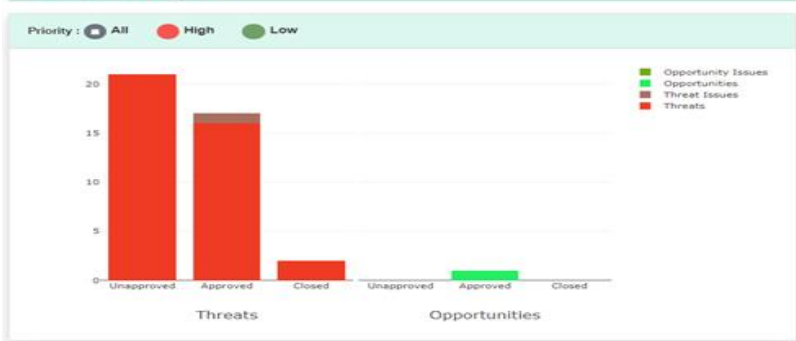
With Safran Risk Manager on your side, you'll be able to answer two crucial questions:

1. How do we know where to allocate our limited resources?
2. Are we making the right decisions?



## Safran Risk Manager Salient Features Explained

### Qualitative Analysis

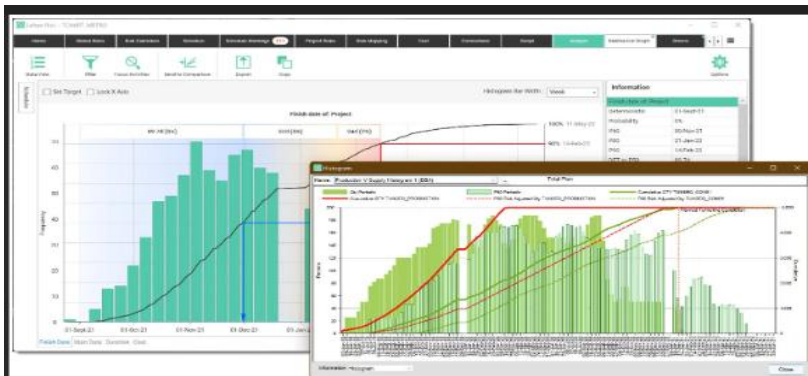


### Does Your Current Risk Management Tool:

- Produce risk registers that focus on critical actionable information?
- Convert qualitative risk assessment to quantitative data?
- Intuitively enable you to prioritize risks that require intervention.
- Monitor and manage your portfolio of projects?

### Safran Risk Manager Enables:

- Pin-point actionable treatments against specific causes and consequences
- Real Time Dashboard for rapid feedback and quality checks
- Comprehensive multi-project report aggregation and differing perspectives
- Probabilistic analysis, using quantitative likelihoods and impacts
- Aggregation of multiple projects to help monitor budgets and key performance indicators



### Do You:

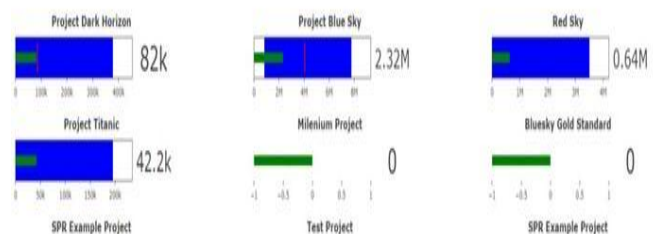
- Know what your important project deliverables are?
- Appreciate what the key risks to achieving your deliverables are?
- Understand the uncertainties that can impact on delivering your projects?

### Does Your Whole Team:

- Know what risks they are responsible for, and their current status?
- Understand what actions they need to be taking?
- Appreciate how their contribution to managing risk affects the delivery of the projects?

### Contingency Assessment

Project	ID	Award Stage	Project Manager	Min Threat	Mean Threat	Max Threat	Current Contingency (M\$)	Percentage of contingency held against the threat
Test Project	1015			0	0	0		NaN %
SPR Example Project	1000			0	0	0		NaN %
SPR Example Project	1006			0	0	0		NaN %
Red Sky	1008	Under Contract	Mark Turner	0	630238	3026639.28	1000000.00	1574.21 %
Project Titanic	1007	Under Contract	Colette Piane	0	42236	195328.39	1200000.00	2841.18 %
Project Dark Horizon	1001	Under Contract	Chris Ripon	0	81530	278202.35	85000.00	154.25 %
Project Blue Sky	1009	Pri Contract	Mark Turner	829693.68	2318472	7772963.23	4000000.00	174.83 %
Milenium Project	1009			0	0	0		NaN %
Bluesky Gold Standard	1040			0	0	0		NaN %



**Can You:**

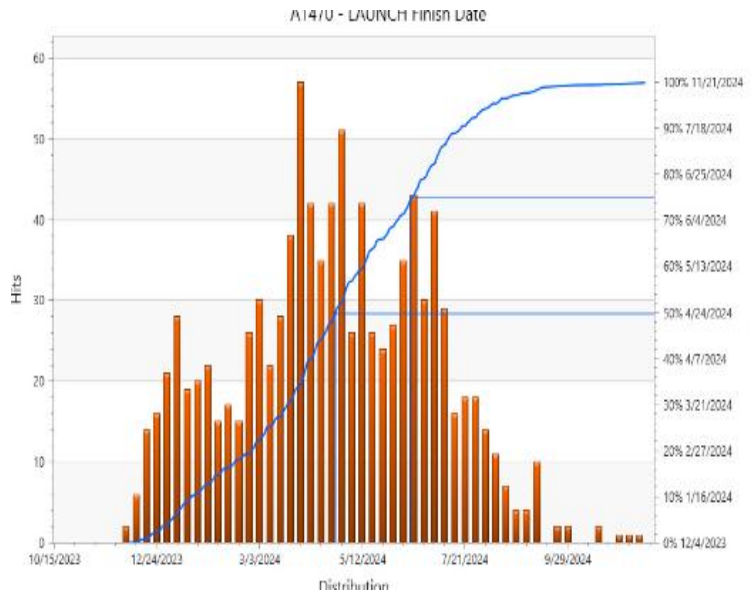
- See immediately the status of your risk register, either singularly or combined across a portfolio?
- Easily create new risks within a workflow, to enable quality control of the data.
- Review a portfolio of project risk data with a couple of clicks?



**Putting The User First:**

Creating and managing lots of project risk data can be difficult. Safran Risk Manager has been designed with the everyday user in mind:

- Adding new risks is easy with the Global Risk library
- Updating risks within the risk register is simple
- Contextualize your projects so you know what is important
- Intuitive user interface showing the user what they need, when they need it

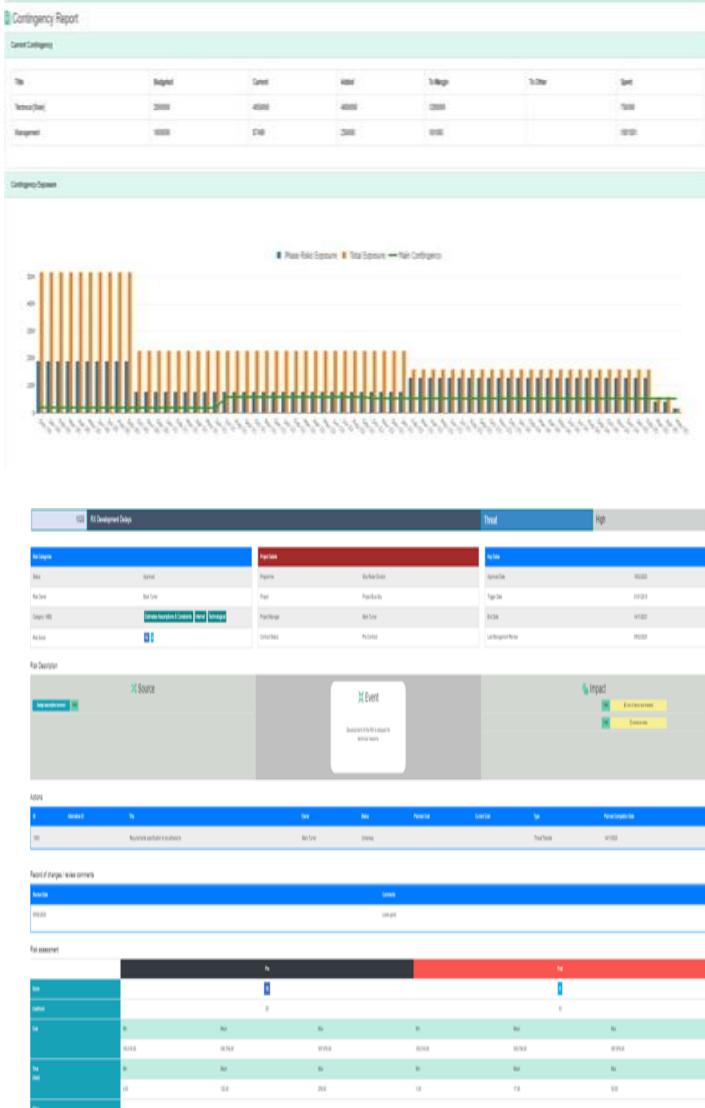


**Providing The Information you need:**

- The pre-configured, real-time dashboard instantly visualizes the critical contexts of the risk register
  - Reports for risks, actions and process adherence make it easy to report to team and management
- Portfolio Viewer reporting enables large numbers of project risk and contingency data to be reported to senior management



## Safran Risk Manager Concepts:



### Contextualize Project:

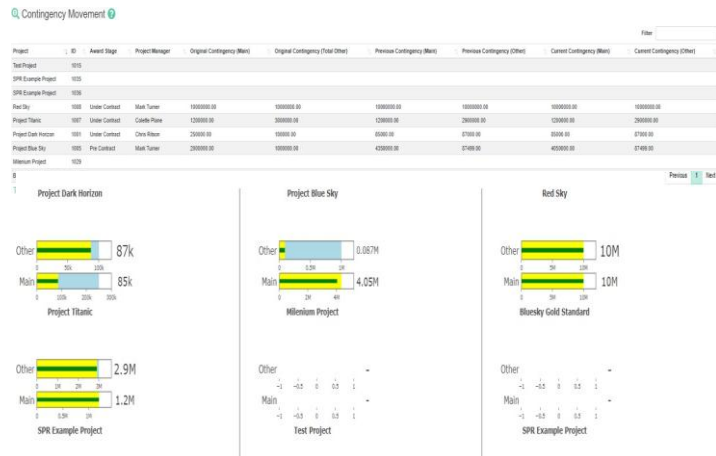
Most risk management standards advise contextualizing the project to better understand what is at risk before starting to identify risks. Without this first vital step, your risk registers may well miss important elements that can impact on your project delivery. Safran Risk Manager requires every project to be contextualized around size, value, key deliverables, lifecycle phases and CADEC – change, assumptions, dependencies, exclusions and constraints. While this may sound onerous, it is made easy by the simple workflow and intuitive user interface.

### Identify Risks & Actions:

Listing the risks to a project is just the start. The real added value from risk management is the implementation of actions. Safran Risk Manager places great emphasis on action identification and management, utilizing the Bowtie methodology to record both preventative and protective actions that can reduce the likelihood of risks occurring, or limit the impact should the risk event take place. Each action can be assigned to an owner, and each risk can have an unlimited number of actions. Tracking the actions is made easy for the users as they are presented in the My Action table. Notifications of both overdue actions and risks can be sent out via email by the Project or Risk Manager.

### Monitor Your Portfolio of Projects:

With all your projects in one common system, assessed to the same standard, monitoring and reporting becomes easy using the preconfigured suite of reports. These can indicate to the Programme Directors critical data, such as the contingency held across the portfolio, and the exposure of the portfolio to aid in decisions regarding budget distribution or taking on more projects. Chief Risk Officers can also assess the performance of their risk management processes by monitoring data around risk and action close out, and other key performance indicators..

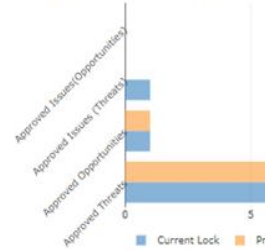


Risk Performance / Health report

Overall Status: Risks

Current Data	18/08/2023
Previous Period Lock	13/06/2023

Current and Last Lock Data

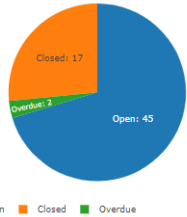


Status Risks

	Previous	Current	Trend
Overdue Trigger No Action	0	-1	↑
Risk Completion Date Exceeded	87	87	→
Risks End Date Actions Closed	-1	-1	→
Risks End Date Actions Open	-1	-1	→
Risk Reviewed Needed Since Last Lock	0	0	→

Overall Status: Actions

Current Actions Status (Open, Closed, Overdue)



Overdue

	Previous	Current	Trend
Overdue Planned Start Not Underway	46	48	↑
Overdue Planned Completion Date	9	9	→
Underway no Actual Start	87	87	→
Actual Start before Planned Start	2	2	→

### Qualitative & Quantitative Evaluations:

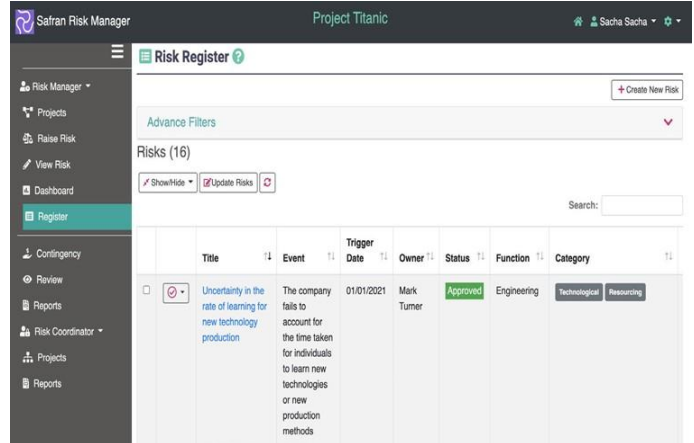
Risk assessment should start out qualitatively to aid in prioritization of risks, and then move into quantitative assessment to help determine the cost and time exposure. Safran Risk Manager combines these two steps such that a qualitative assessment (that is high/medium/low) produces an equivalent quantitative value based on the contextualization of the project. In so doing, more sophisticated risk techniques such as Monte Carlo analysis and Cost Benefit Assessments based on action assessment is achieved as soon as risks and actions have been created and approved. The real time dashboard instantly displays the qualitative and quantitative data, enabling a much deeper insight into the risk register, and helping to focus attention where limited resources can have the most effect. Reporting on the outcome is made simple by using the preconfigured reports.

### Manage Contingency Budgets:

Contingency budgets are the lifeblood of a project, and their correct management and reporting are critical for the project team. Safran Risk Manager can use the quantitative Monte Carlo analysis to provide a valuable insight into the confidence that the held contingency budget will cover the potential risk exposure, both before and after action is taken. By understanding when risk exposure is likely to happen during the life cycle of the project, better decisions can be made around controlling contingency budgets and their potential release. In so doing, project cash flow can be better governed.

The Future:

- Developing cutting edge products for ever changing technology
- By listening customer needs ideas are incorporated for better understanding of issues
- These ideas are incorporated into intuitive, scalable solutions.
- This approach makes Risk management more accessible.
- Project forecast and delivery health are improved constantly at all levels



Title	Event	Trigger Date	Owner	Status	Function	Category
Uncertainty in the rate of learning for new technology production	The company fails to account for the time taken for individuals to learn new technologies or new production methods	01/01/2021	Mark Turner	Approved	Engineering	Technological, Resourcing





