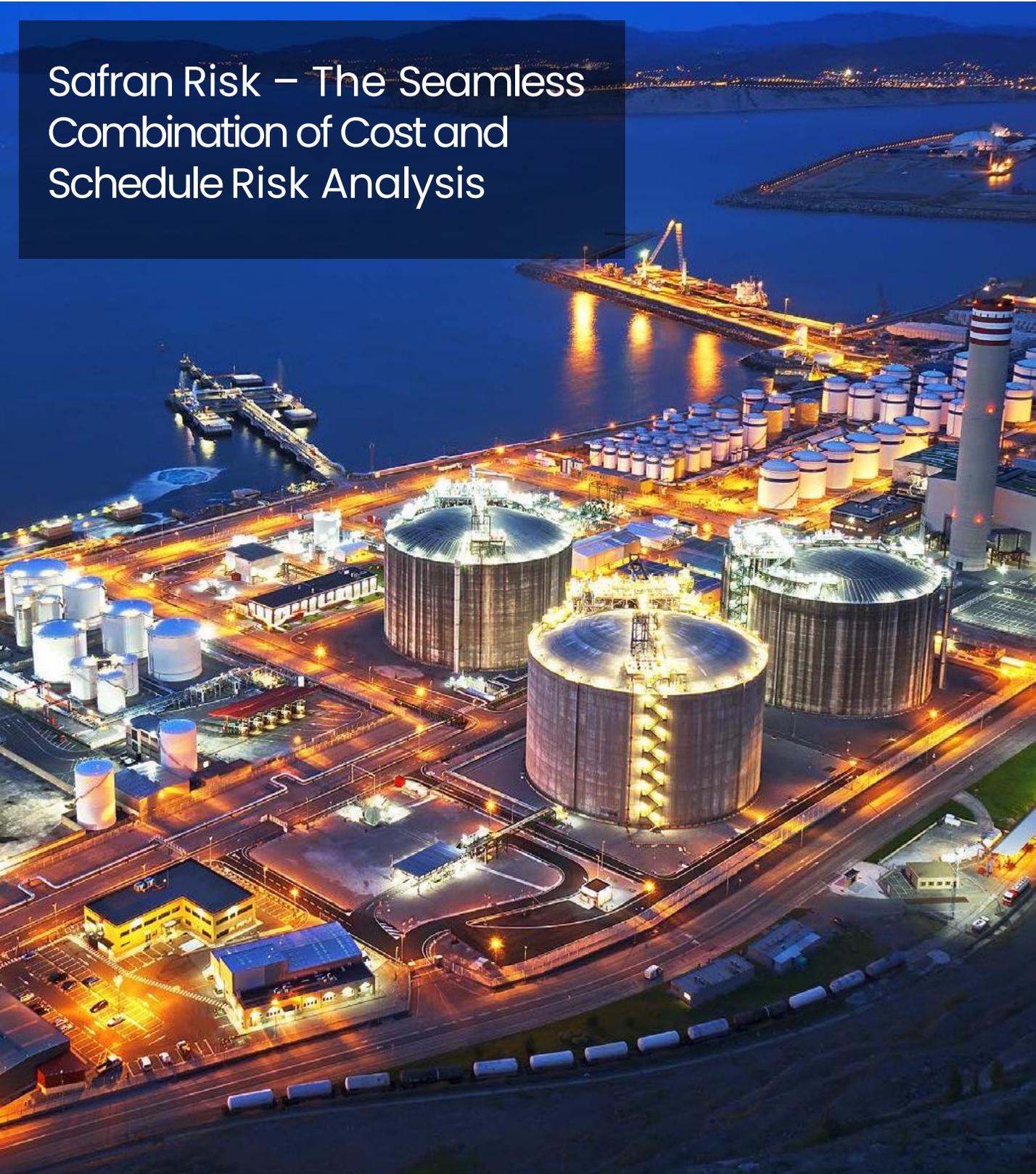




Safran Risk

Safran Risk – The Seamless
Combination of Cost and
Schedule Risk Analysis



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The Problem

Complex project management has evolved. What was once simple, deterministic activity and duration planning now relies upon the improved forecast-accuracy afforded by a thorough understanding of the impact of risk upon schedules.

Cost Risk Analysis is essential for full control of today's mega projects. But to combine cost and schedule risk harmoniously, you need a variety of disparate tools – likely having to transfer schedules and data between them to analyze and present schedule impact and final forecasts.

This method impacts the integrity of any analysis – risking inaccuracies and often leading to more severe consequences such as cost over-runs and uncontrolled risks – and it's actually very hard to achieve fully integrated and coordinated analysis.

The Solution

Safran Risk addresses this issue, incorporating all three critical components: Critical Path Method, Schedule Risk, and Cost Risk, which combine seamlessly to ensure the integrity of the final analysis.

This approach not only improves the ease and health of all decision – making but also provides full integration with our existing Schedule Risk Analysis capability.





The Why

Management of any project, whether complex or straightforward, begins with a high-level cost risk analysis, often during the project discovery, identification, or bid phase – well in advance of the creation of a project plan.

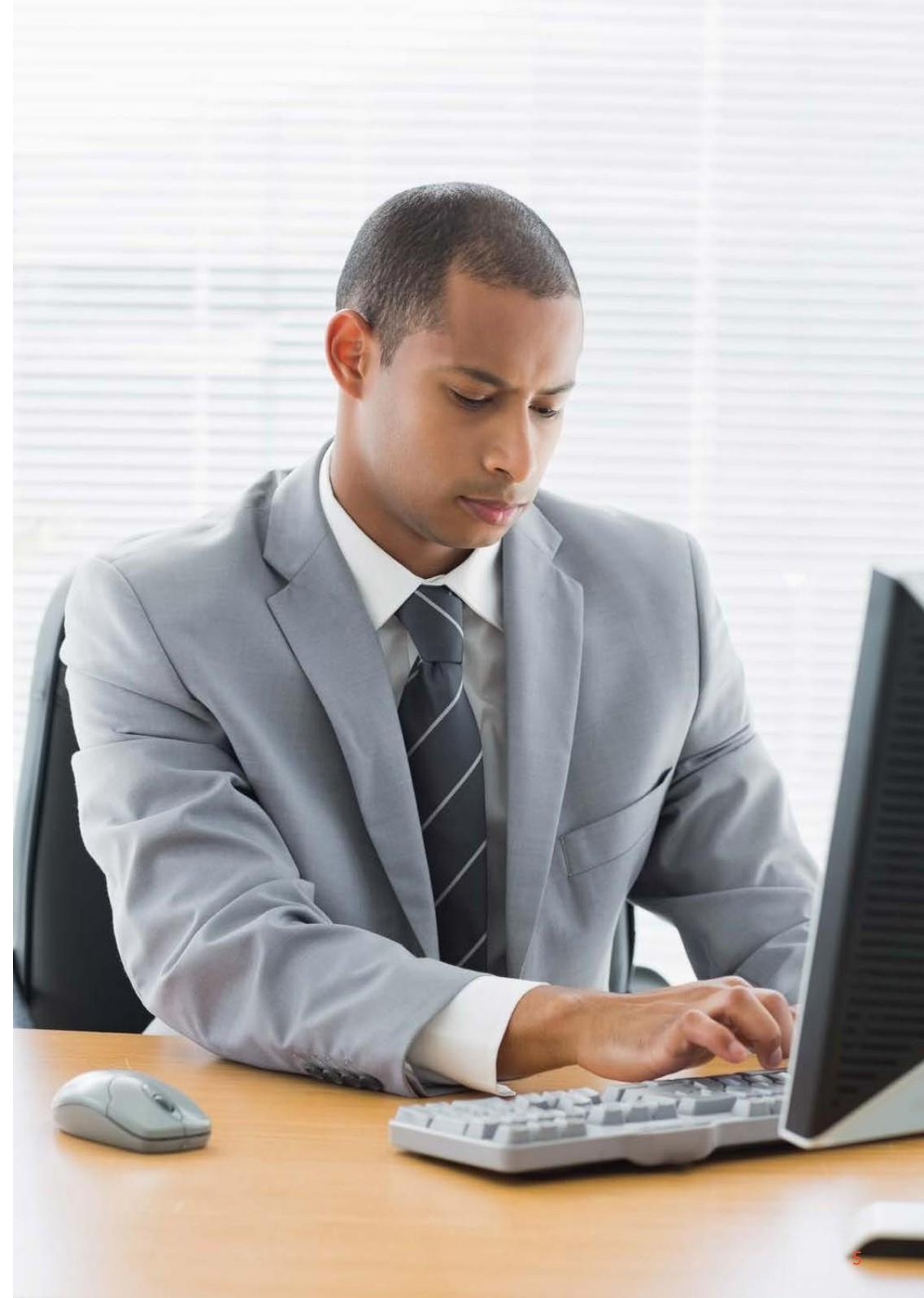
At Safran, we recognized the demand for complex cost risk analysis was only being satisfied by a variety of disparate tools, often including custom built Excel-based solutions.

Not only are such tools difficult to maintain – particularly when specialist expertise is required – but once projects are sanctioned and project plans developed, opportunities to incorporate and build upon existing cost risk analysis are frequently overlooked.

What's more, unexpected cost over-runs and missed opportunities to mitigate risks are common.

This leads to inefficiencies for several reasons, including:

- Siloed working – cost and schedule teams often operate completely independently
- A lack of compatibility between tools used by Cost and Schedule teams
- Traditional approaches to cost loading schedules are often 'alien' to cost engineers





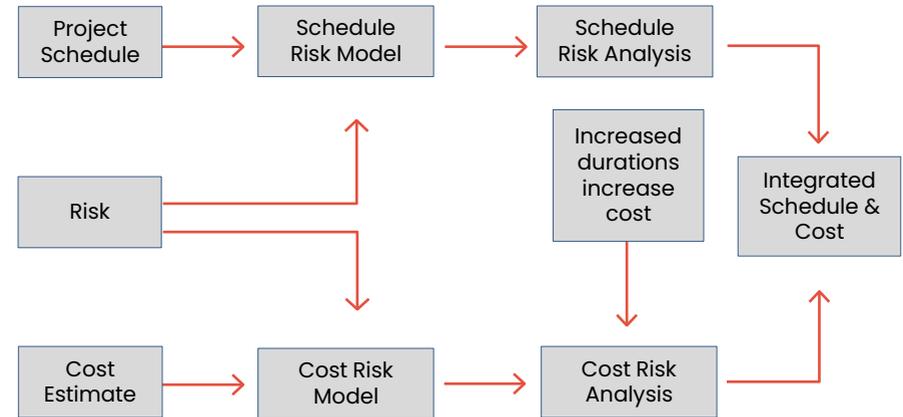
The How

Developed in collaboration with key risk management experts, across a variety of sectors, Safran Risk is designed to deliver value long before projects start.

From maintaining a simple list of risks in a spreadsheet to performing a detailed quantitative risk analysis – for both schedule and cost risk – Risk has you covered and can be used from the project discovery, identification, or bid phase.

You can perform a cost-only risk analysis through planning, execution and closeout, incorporating key risk data to create a powerful integrated schedule and cost risk model, developing your teams' project risk understanding without the need for complicated resource loading.

Here's a conceptual overview of this process:



This approach not only eliminates resource loading, but it also provides unique opportunities to reduce your costs.





The Benefits

Because Safran Risk combines cost risk analysis and schedule risk analysis in one tool, savings are made in licensing costs and training, support, and ongoing maintenance.

Perhaps the largest potential saving comes from eliminating the time lost to 'translate' cost information into a format the schedule can understand.

This time-consuming process carries a high margin of error; while industry recommendations are clear that risk analyses should be integrated as frequently as possible, the time and complexity involved mean many organizations are unable to meet the mark.

Finally, receiving the same coherent, consistent set of reports – whether the analysis is for cost, schedule, or integrated cost and schedule – increases executive/stakeholder understanding and enables far more timely, accurate, and auditable decision-making.





The Future

Safran has long pioneered and championed the **Democratization of Risk**. Any organization managing complex projects should be able to apply the impact of risk to improve forecast accuracy and increase planning and delivery efficiency.

However, the software and services available has always restricted the training, skills, and understanding of these principles to just a few – thus preventing the widespread benefit from being realized.

At Safran, we're reinventing risk management and developing an approach to software development that captures all risk analysis techniques in an easy-to-use, easy-to-apply process, incorporated in all your applications.

This opens the world of risk to everyone concerned with project management and improves forecast and delivery health at all levels – as well as helping you to realize the enormous benefits of sensible and healthy risk analyses, no matter your project's size or scope.





Safran Risk

Safran

Safran is the preferred software provider for project control professionals around the world who need to manage complexities with ease.

Whether you run time-critical, asset-intensive, resource constrained capital projects, or high-risk research and development projects, Safran design smart solutions that enable you make the best decisions and ensure you deliver on time, and on budget.

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