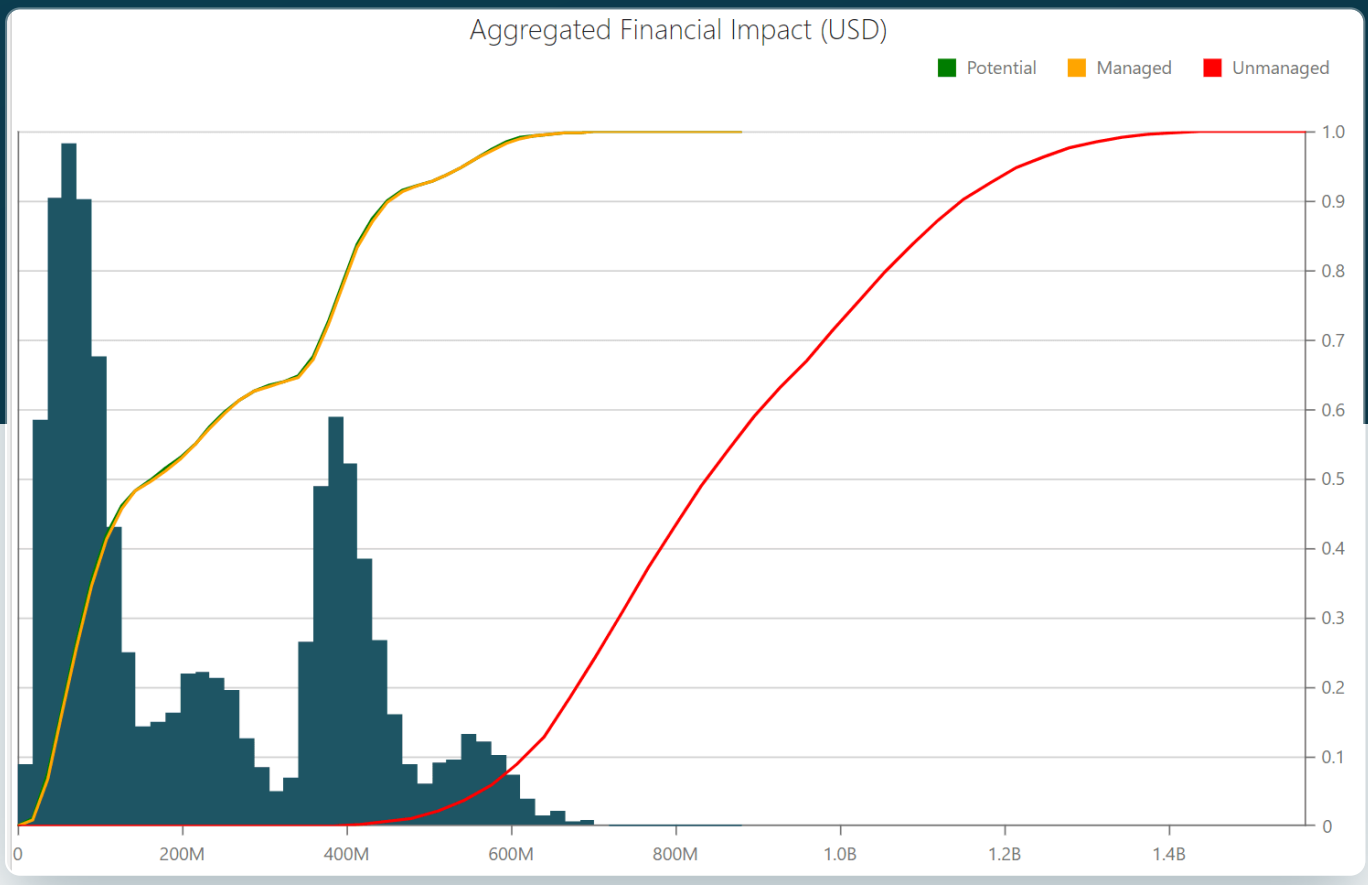
Pelican
Quantitative risk register software

PRODUCT BROCHURE

Risk register software that adds up your risks

Pelican is a risk register your team will recognise, with owners, controls, reminders and a full history. Every risk also carries a number, so Pelican can add your risks up, compare the total with your risk appetite and show which controls pay for themselves. Enterprise, operational, project, strategic and health and safety risk all come together in it.



From Pelican's Financial Exposure screen: an entity's risks simulated over thousands of possible years and added up, unmanaged, managed and potential.

Cloud
or on your own servers, in any modern browser

5
risk standards and frameworks supported, including ISO 31000 and COSO ERM

2–10
weeks to go live: the guide range by company size

One
place for enterprise, operational, project, strategic and safety risk

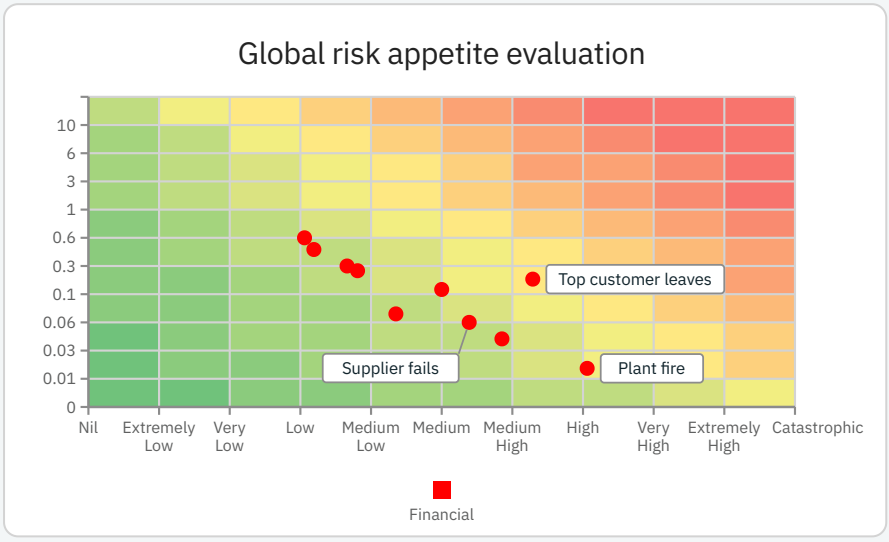
vose
Putting numbers around risk

vosesoftware.com/Quantitative-Risk-Register

WHY PELICAN

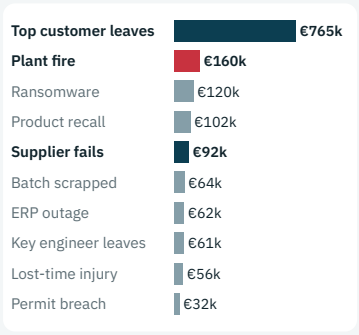
A heat map can't add up your risks

Most risk registers score each risk and colour it on a heat map. Scores can rank risks, but they can't be added up, so they can't answer the questions a board asks. Pelican gives every risk a number as well as a colour.



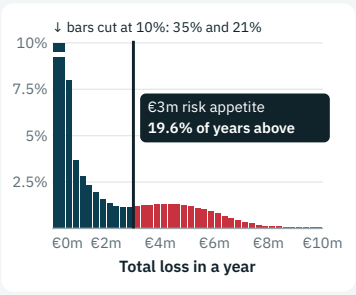
1 The heat map shows each risk on its own

Pelican's heat map puts each of the ten risks at its frequency and its average impact, and the colours show the risk appetite. Here Medium is €1m and High €10m. The **plant fire** is the rarest risk and the largest. What the map can't show is what the ten add up to.



2 The numbers rank by loss

Losing the **largest customer** costs €765k a year on average, 8 times the **supplier** risk. In the worst year in 100, the fire causes 84% of the loss.



3 Added up against the appetite

Thousands of simulated years, added up: **€1.5m** expected loss a year, and a **19.6%** chance of a year worse than the €3m risk appetite.

The example from the Pelican product page: ten fictional risks of a manufacturer, 400,000 simulated years. Amounts are illustrative.

The questions Pelican answers

How much could we lose this year?

Pelican simulates thousands of possible years and adds every risk up, so you see the expected loss and the bad years.

Are we inside our risk appetite?

Compare the total with the risk appetite of each entity, project or the whole organisation, and see the chance of going over it.

Which risks matter most?

Rank risks by what they could cost, in money or in safety, environment, ESG or service, instead of by a score.

Which controls pay for themselves?

Compare what each control costs with the exposure it removes, and put the risk budget where it works.

A register people keep up to date

Anyone can submit a risk, owners get tasks with calendar reminders, and every change to risk data is logged.

Your heat map, kept

Pelican draws the heat map from the numbers, so the familiar picture stays, but each position now has an amount behind it.

HOW IT WORKS

From a list of risks to a decision, in four steps

Pelican is a web platform, set up for each organisation. It keeps everything a risk register does, and adds a number to each risk and the simulation that turns them into a total.

1

Record

Every risk in one register, with its causes, consequences, controls and owner.

2

Quantify

Owners give the chance and the impact as a range: minimum, most likely, maximum.

3

Add up

A Monte Carlo simulation of thousands of years adds the risks up against your appetite.

4

Act

Fund the controls that pay for themselves, set tasks with reminders, report to the board.

One place for every kind of risk

Pelican is where your different kinds of risk data come together: every kind of risk in one register, measured the same way, so it can be compared, added up and reported as one picture.

Enterprise risk
Entities down to any level, each with its own risk appetite; ISO 31000 and COSO ERM.

Operational risk
Controls, owners, incidents and key risk indicators for every entity.

Project risk
The risks of each project and of the portfolio; Tamara adds cost and schedule risk.

Strategic risk
The risk of failure for each strategic objective, in Pelican IRM.



Health and safety
Safety impacts in their own terms, instead of being forced into money.

Cyber and IT risk
A FAIR-style analysis puts resources where they cut cyber risk most.

Environment and ESG
Environmental and ESG impacts, and the chance of missing each target.

Financial risk
Total financial exposure, value at risk and the capital to hold.

Works with ModelRisk, Tamara and your other systems

Pelican IRM

Brings the register, ModelRisk and Tamara together: total exposure against risk appetite, for leadership.

Tamara

Reads risks from the register for cost and schedule risk, and sends each milestone's likely cost and date back.

ModelRisk

Reads risk data from Pelican, sends results back, and runs models for a whole team in the platform.

GRC systems

Pelican is not a GRC system. It can import a GRC system's quantitative risk evaluations.

Where teams use Pelican

Capital projects and construction
Who owns each risk, on every project in the portfolio

Oil and gas
The risks carried across every asset, in one register

Power, renewables and utilities
Every asset and project, from grid connections to lead times

Mining and metals
One group-wide register, site by site

Aerospace and defence
The risks carried across every programme

Manufacturing
Supplier, plant and product risks, plant by plant

FEATURES

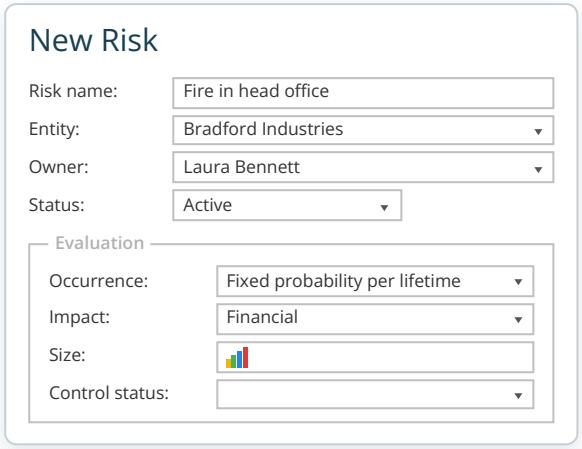
One register, every risk in numbers

THE REGISTER

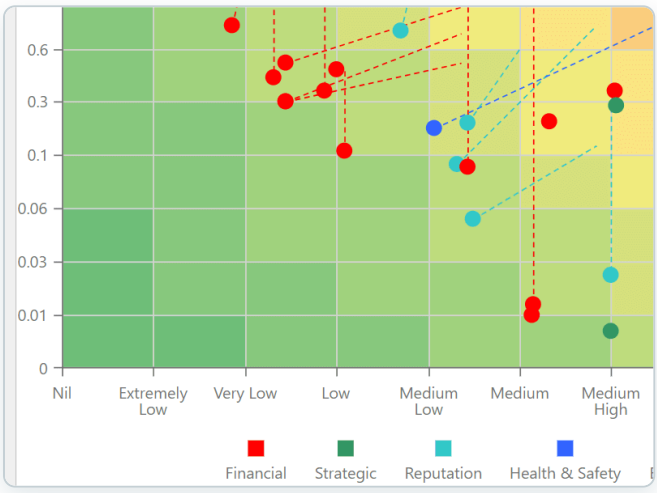
One register the whole organisation can use

Pelican keeps every risk in one place, from a single project to the whole organisation, with an owner and a plan for each.

- Anyone can submit a possible risk; the risk owner and the risk team take it from there
- Single-risk entry, or many risks at once in bulk data entry tables
- Treatment tasks assigned to people, with calendar reminders and a profile page of their tasks



The New Risk form: entity, owner, status, how the risk occurs and what it affects. Drawn after Pelican's form, with an example owner.



Part of the risk appetite evaluation: risks of four impact types at their real frequency and magnitude, with the effect of their controls.

QUANTIFIED RISKS

Every risk gets a number, in more than money

Owners give the chance of the event and its impact as a range: minimum, most likely and maximum. That is no harder than picking a score, and it uses what they actually know.

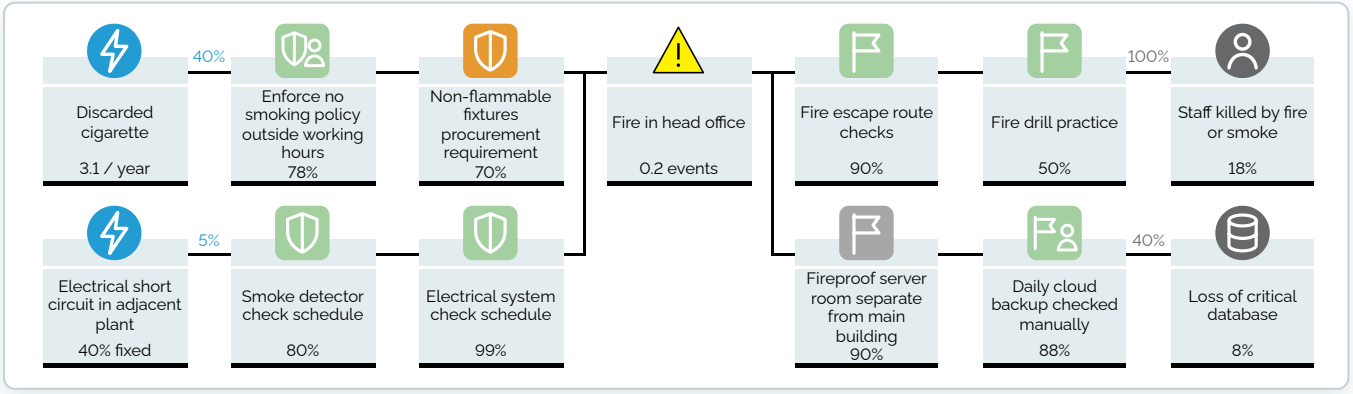
- Impacts in money, safety, environment, ESG measures, service availability or any other key metric
- Impact scales set for each entity, for example by its financial capacity, and global impact definitions
- A quantitative heat map: each risk at its real frequency and magnitude, with the effect of its controls

BOWTIE ANALYSIS

See how each risk can happen, and what stops it

Each risk gets a full quantitative bowtie: the causes on one side, the consequences on the other, and the controls in between, each with its numbers.

- Controls that help stop a risk happening
- Mitigations that reduce its consequences
- Linked risks, and drivers shared across risks



Part of the bowtie for a fire in the head office, drawn after Pelican's, with the number of each cause, control, mitigation and consequence.

FEATURES

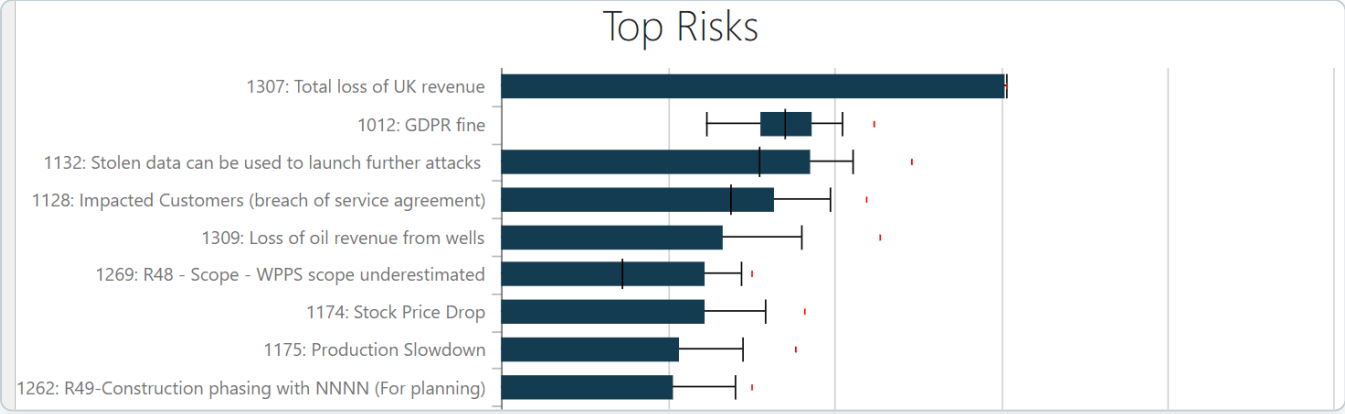
Totals, treatments and the people behind them

AGGREGATION

Add the risks up and compare them with your risk appetite

Pelican runs a Monte Carlo simulation of thousands of possible years and adds the risks up by entity, region, product or impact type. It then compares the total with your risk tolerance.

- A risk appetite set for each business entity or project
- Top financial risks ranked by their value at risk, not by a score
- The capital to hold for financial losses, at the level of confidence you choose



Top Risks: the financial risks of an entity ranked by value at risk, each with its range. The first nine of twenty are shown.

COST-EFFECTIVE TREATMENT

Spend on the controls that pay for themselves

Pelican compares what each control or mitigation costs with the exposure it removes, across every impact type and including cascading risks. Scenario analysis finds the most cost-effective way to manage a risk, the weak points in the overall treatment, and insurance cover that saves on premiums.

Treatment, in the example	Cost a year	Saves a year	Per €1
Key-account programme for the largest customer	€60k	€255k	4.3
Offline backups and phishing training	€35k	€78k	2.2
Sprinklers in the paint shop	€40k	€80k	2.0
Second qualified supplier	€70k	€61k	0.9
Extra in-line inspection	€50k	€21k	0.4

The first three pay for themselves. Together they cost €135k a year and cut the expected loss from €1.5m to €1.1m, and the chance of a year worse than €3m from 19.6% to 13.9%.

RESPONSIBILITY

Know who and what your risk management depends on

A control only works if someone looks after it. Pelican shows how much rests on each person and on each third party.

- Which people are most relied on, so responsibility can be spread for resilience
- An overview of the owners of risks, their controls and their consequences
- Automated analysis of how much your risk management depends on third parties

People

			Aggregate impact score by element		
Person name	Company	Status	Risks	Drivers	Conse-quences
Laura Bennett	Corporate	Active	7.15	7.29	5.4
Marc Dubois	Bradford Control Systems Global	Active	5.54	2.43	5.07
Sofia Rossi	Corporate	Active	5.5	5.5	5.5
Tom Hendriks	Corporate	Active	4.08	2.09	2.23
Emma Clarke	Corporate	Active	4	4	3.62
Raj Patel	Corporate	Active	3.68	.6	7.08
Ines Vermeulen	ER Tech	Active	3.31	3.3	.19
Daniel Okafor	Corporate	Active	3.09	1.83	2.5

The People screen: how much of the risk management rests on each person, as aggregate impact scores. Drawn after Pelican's screen, with example names.

FEATURES

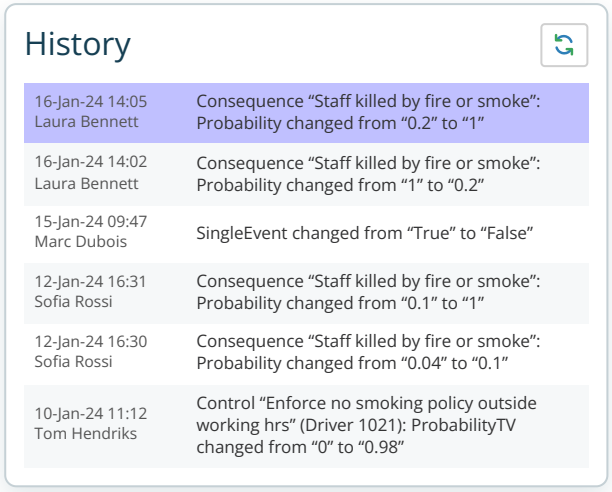
Reports, history and the view for leadership

REPORTING AND AUDIT

Reports, dashboards and a full history

Everyone from the board to the auditor gets the view they need, and every change is recorded.

- A library of ready-made report templates: a new report in a couple of clicks
- Your own report templates, designed with drag and drop
- An automatic log of every change to risk data, with files and comments attached
- Drill down and search for any risk, treatment action or person's tasks



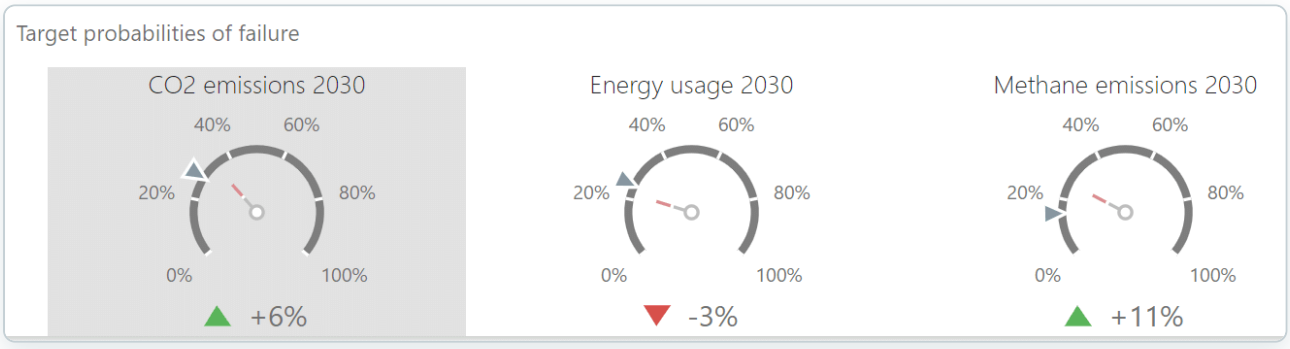
The history of one risk: every change to its data, with when and who. Drawn after Pelican's panel, with example names.

PELICAN IRM

One view of risk for leadership

Pelican IRM builds on the risk register and brings in results from ModelRisk and Tamara. Leadership sees risk in numbers across the whole organisation, on one consistent scale, without needing to know the statistics.

- The risk of failure for each strategic objective
- Total exposure against the risk appetite of each entity
- Where risk is concentrated, by entity, region or product
- Dashboards built with drag and drop, and links to the BI tools leadership already uses



A dashboard built with drag and drop: the chance of missing each ESG target, with its change.

Deep analysis

Any single risk in detail: its drivers and controls with what each contributes, and managed, unmanaged and potential exposure side by side. A FAIR-style analysis for cyber risks puts resources where they reduce cyber risk most.

Where it runs

A cloud service in any modern browser, or installed on your own network with Windows Server, IIS and Microsoft SQL Server. Reports work on a PC, tablet or phone.

Standards

Supports compliance with ISO 31000, the COSO ERM framework, BS 31100, the OCEG Red Book and FERMA.

Not a GRC system

Pelican can import a GRC system's quantitative risk evaluations into the wider picture.

FULL FEATURE LIST

Everything in Pelican

The full list of the Pelican risk register, as on the product page, and Pelican IRM on top.

AREA	WHAT'S INCLUDED
Every kind of risk	Enterprise, operational, project, strategic, health and safety, cyber, environmental, ESG and financial risk in one register, measured the same way; incidents and opportunities recorded alongside.
The register	Risks with causes, consequences, controls, treatment tasks and owners; anyone can submit a possible risk for assessment; single-risk entry or bulk data entry tables; a hierarchy of entities down to any level.
Quantified risks	A chance and an impact range for every risk; impacts in money, safety, environment, ESG measures, service availability or any other key metric; impact scales set for each entity; global impact definitions; a quantitative heat map showing the top risks and the effect of controls and mitigations.
Bowtie analysis	Full quantitative bowties with several consequence types; a bowtie editor for brainstorming; risks linked to other risks for cascading effects; drivers and consequences shared across risks; interconnected risk maps of the whole causal chain.
Aggregation	Monte Carlo simulation and aggregation of financial exposure by entity, compared with risk tolerance thresholds; a risk appetite set for each entity or project; the capital needed at a chosen level of confidence; top financial risks ranked by value at risk.
Treatment	Scenario analysis for the most cost-effective way to manage a risk; the cost-effectiveness of each control across impact types and cascading risks; the weak points in the overall risk treatment; insurance cover parameters optimised to save on premiums.
Responsibility	Treatment tasks assigned to people, with calendar reminders; a profile page with each person's tasks; which people are most relied on; dependence on third parties.
Deep analysis	A detailed analysis of any single risk, including FAIR-style analysis for cyber risks.
Monitoring	Key performance indicators of any design and key risk indicators for each entity; risk profiles compared across entities, projects and regions; reports on the top risks, their trend and the progress of critical tasks.
Reports	A library of ready-made report templates; a drag-and-drop report designer; online and published reports; on a PC, tablet or phone.
Audit trail	A complete log of every change to risk data, with files and comments; drill down and search for any risk, treatment action or person.
Standards	Supports compliance with ISO 31000, the COSO ERM framework, BS 31100, the OCEG Red Book and FERMA.
Connections	Tamara reads risks from Pelican and sends results back; ModelRisk reads risk data, sends results back and runs models for a team inside the platform; Pelican IRM for leadership; quantitative evaluations imported from GRC systems.
Where it runs	A cloud service in any modern browser, or installed on your own network with Windows Server, IIS and Microsoft SQL Server.
Pelican IRM	Built on the register, for leadership: the risk of failure for each strategic objective; total exposure against the risk appetite of each entity; where risk is concentrated; key performance and risk indicators and dashboards; results brought in from ModelRisk and Tamara; links to boardroom BI tools.

How to choose risk register software: seven questions

Use them in any vendor demo, including ours.

1. Can a risk carry a chance and an impact range, or only a score?
2. Can it add risks up across business units and compare the total with a risk appetite?
3. Does it handle impacts other than money, such as safety, environment or service, without forcing them into one score?
4. Can you see what a control costs against what it saves?
5. Do owners get reminders, and does every change leave a log?
6. Can people outside the risk team submit a risk easily?
7. Can you get your data out, as exports and reports, without the vendor's help?

GET STARTED

See your own register in numbers

Pelican starts with an online presentation on your kinds of risk: enterprise, operational, project, strategic, health and safety or all of them together.

Request an online presentation

Pelican is set up for each organisation, so a consultant prepares a presentation on your kind of risks.

Scan the code, or write to info@vosesoftware.com

Ask for a quote

The cost depends on the number of users, the installation and any custom set-up. Guide prices by company size are on the Pelican page.

info@vosesoftware.com

Pelican IRM

The view for leadership: the risk of failure for each strategic goal and total exposure against risk appetite.

vosesoftware.com/IRM

Scan to request an online presentation

Licensing

Pelican has a one-off set-up and an annual licence, priced by the number of users, the installation and any custom set-up. Training and consulting are priced separately. See the guide prices by company size at vosesoftware.com/Quantitative-Risk-Register.

About Vose Software

Vose Software makes software for quantitative risk analysis, from Gent, Belgium. It was co-founded by the late David Vose, author of *Risk Analysis: A Quantitative Guide*. Alongside Pelican, Vose makes ModelRisk for risk modeling in Excel, Tamara for project cost and schedule risk, and ModelChoice for decision analysis in Excel.

PELICAN CLIENTS INCLUDE

Ørsted · Merck · access · Southern California Edison · verizon · Air Liquide · Solidigm · Fidelity · De Grey Mining Ltd · Ericsson · The World Bank · Virgin

Where it runs, and security

CLOUD	ON YOUR SERVERS	ISO/IEC 27001:2022	SOC 2 TYPE II
A cloud service in any modern browser	Windows Server, IIS and Microsoft SQL Server	Certified, March 2026	Attested, October 2026

Vose's controls are independently audited; the reports are available on request under NDA: vosesoftware.com/Company/security.php

vose
Putting numbers around risk

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