



Tamara

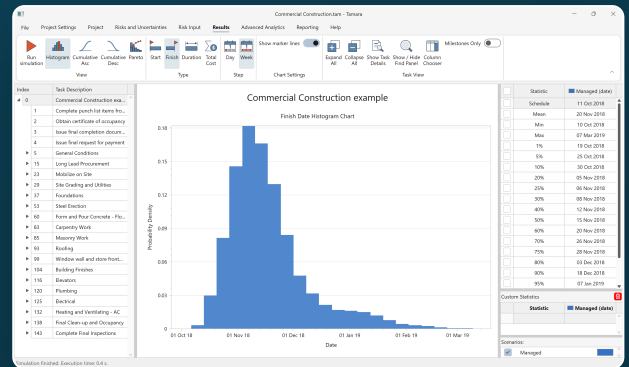
Project cost and schedule risk analysis

PRODUCT OVERVIEW

Know when your project will really finish

Tamara runs Monte Carlo simulation on the P6 or Microsoft Project schedule you already have. It shows how likely you are to meet a date or a budget, the contingency you need, and which tasks and risks drive the answer.

80,000 tasks in the largest plans tested
< 5 min 10,000 iterations, 40,000 tasks
6 kinds of risk event, including weather
15 days free trial of the full product



Tamara's Commercial Construction example, simulated: fewer than 1 in 100 futures finish by the plan's date of 11 October 2018.

WHY TAMARA

One finish date hides the risk

A schedule gives one finish date, and assumes every task goes to plan and no risk happens. Give each task a range and each risk a chance, run the schedule thousands of times, and the picture changes:

23 Oct 2017

the plan's finish date, one duration per task

24 Jan 2018

the average finish across the simulated futures

16 Feb 2018

75% of futures finish by then, almost four months late

Permit, build

the two tasks that move the finish date most

From Tamara's Build a House example, Managed scenario, with the example's own dates.

WHAT YOU GET

What Tamara gives you



A date you can promise

The chance of making the plan's date, the P80 date of every milestone, and the contingency.



Time and cost together

Costs, resource rates and risk costs are simulated with the schedule, so a delay shows in the budget.



Effort where it counts

The tornado ranks the tasks and risks behind a delay, so you know which ones to manage first.



Your real plan, untouched

Tamara works on its own copy of the P6 or Microsoft Project schedule. One click brings in each update.



Risk events and ranges

Six kinds of risk event, including weather, each with a chance and an impact on time and cost.



Justify each mitigation

Compare Unmanaged and Managed scenarios on one chart to see what each mitigation buys.

HOW IT WORKS

From your schedule to a date you can promise

1 Import

Bring in the P6 or Microsoft Project schedule; the audit shows what to fix.

2 Add uncertainty

Give tasks, costs and resources a level, and add the risk events.

3 Simulate

Run the full master schedule thousands of times.

4 Decide

Read the P80 date and cost, what drives them, and which strategy pays.

WHERE TEAMS USE TAMARA



Capital projects and construction



Oil and gas



Power, renewables and utilities



Mining and metals



Aerospace and defence



Vose
Putting numbers around risk

Tamara · Project cost and schedule risk analysis

vosesoftware.com/Project-Risk

Features and how to start overleaf →

FEATURES

Everything in Tamara, in one edition

Every feature below is included in every Tamara licence, with no premium tier to upgrade to. The trial is the full product: import your own P6 or Microsoft Project schedule and see its P80 date.

 Schedule import Primavera P6, Microsoft Project and Microsoft Planner Premium, including nested and inter-connected projects and P6 custom fields. The original schedule is never changed.	 Schedule check A Schedule Audit on every import: Monte Carlo suitability and quality checks against goals you can edit, with the tasks behind each metric.
 Duration uncertainty Work amount levels, as a percentage or in units, and productivity risk factors that move every task of a work type together.	 Cost uncertainty Levels for the fixed and variable costs linked to tasks, and uncertain resource rates multiplied by the simulated working time.
 Risk events Six kinds, including weather; threats and opportunities; a chance or a frequency; time and cost impacts; one risk can hit several tasks.	 Correlation Through shared risk events and productivity risk factors, so delays don't cancel out. No correlation matrix to fill in.
 Simulation 64-bit Monte Carlo simulation of the full master schedule, tested on real plans of up to 80,000 tasks; 10,000 iterations of 40,000 tasks in under five minutes.*	 Scenarios Switch risks on and off, change chances, impacts and productivity factors, and compare scenarios such as Unmanaged and Managed on one chart.
 Results Histogram, cumulative, Pareto and tornado charts for the start, finish, duration and cost of any task, summary or milestone; critical path analysis.	 Stochastic Gantt and trends The likely start and finish dates of the tasks you tick; cumulative spend over time, and total cost against finish date.
 Built-in spreadsheet Input and output spreadsheets with the ModelRisk distributions, time series and copulas, for costs and risks outside the schedule.	 Reports and integration Report templates designed once and generated as PDF; charts and data into Word, PowerPoint or Excel; risks in from Pelican; SID files for ModelRisk.

* Times measured by Vose Software on real project plans. Most real schedules have between 1,000 and 10,000 tasks.

ORGANISATIONS THAT USE TAMARA



GET STARTED

Try Tamara on your own schedule

Import a schedule you are working on and see the date you can promise. Scan a code with your phone's camera to go straight there.



Download the free trial

The full product, free for 15 days. Register, and the next page gives you the installer and your activation key.



Book a live demo

An online demo that a consultant prepares around your projects and what you would like to learn.

Licensing

An annual licence per user, in one edition with every feature. Time and volume discounts apply, network licences are available, and universities and students have an academic offer. Prices: vosesoftware.com/pricing.php.

System requirements

Windows 10 or 11, 64-bit; .NET 8 Runtime (64-bit); 4 GB of memory and 10 GB free, SSD preferred. Tamara does not run on Mac OS or Parallels, but can be run on an Intel-based Mac using Boot Camp. Details: vosesoftware.com/System-Requirements.php.



Vose Software BV · Kompasplein 14, 9000 Gent, Belgium
info@vosesoftware.com · www.vosesoftware.com

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