QUANTIL

Buyer Guide

Which tool do I need?

A route book through the five Quantil decision-chain tools

How to use this guide

Quantil makes five Excel tools for probabilistic risk management. Each tool answers one question that a capital project meets on its way from first idea to contract. You do not need all five. This guide takes you to the right one in a minute:

- Page 2: the decision chain, five questions in the order a project meets them.
- Page 3: start here. Pick the sentence that describes your situation; it names the tool.
- Pages 4 to 8: one page per tool: who it is for, when to use it, what you need, what you get, and the price.
- Page 10: typical combinations and the bundle.
- Page 11: frequently asked questions.

Every tool has a free Demo edition. The best way to decide is to open the Demo, run it once and compare the result with the reference value printed on the tool's page in this guide.

Prices in USD, excluding VAT, for a perpetual licence for one named user. Business and professional use only. Version 2026-11-15.

THE DECISION CHAIN

Five questions, five tools

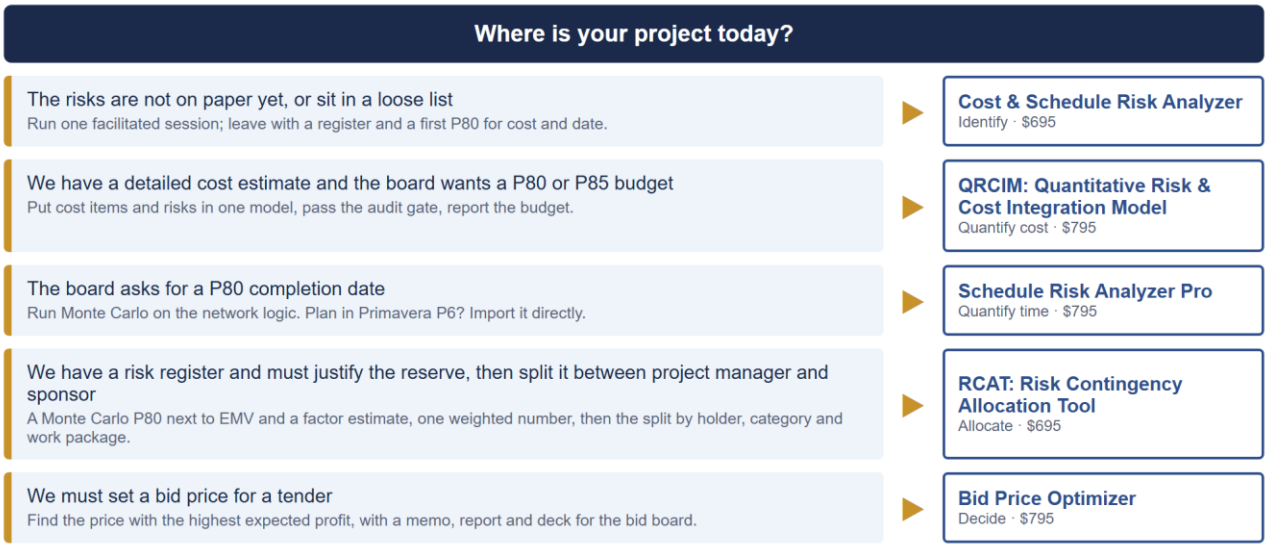
A project meets its risk questions in a fixed order: first you name the risks, then you quantify cost and time, allocate the contingency, and finally decide on a price. Each Quantil tool covers one link of that chain.

Step	Question	Tool	You need	You get	Price
1. Identify	**What could go wrong?**	Risk Analyzer	Your team + a base estimate	Shared register, P80 cost and date	$695
2. Quantify cost	**What will it really cost?**	QRCIM	A cost estimate by cost item + risks	Budget at P50 to P95, audit-gated	$795
3. Quantify time	**When will it really finish?**	SRA Pro	A schedule (activities + logic) + risks	P50 / P80 / P90 finish dates	$795
4. Allocate	**Who holds which part of the reserve?**	RCAT	A risk register + base estimate	Reserve justified and split	$695
5. Decide	**At what price do we bid?**	Bid Price Optimizer	Cost estimate + competitors	Bid price, P(win), downside	$795

The tools work on their own: each one reads its own input and produces its own report and deck. They do not exchange files; when you use several, you carry the numbers across yourself (for example the P85 budget from QRCIM into RCAT).

START HERE

Start where your project is today



Not sure? Two tools both start from risks. The Cost & Schedule Risk Analyzer is built around a workshop and gives a first P80 for both cost and schedule; RCAT starts from a register you already keep and justifies the reserve with three methods, then splits it between project manager and sponsor.

1. IDENTIFY | VERSION 1.2

Cost & Schedule Risk Analyzer

What could go wrong? A facilitated pre-mortem workshop turns the team's knowledge into a shared risk register, with Monte Carlo cost and schedule ranges and a first P80 for both.

Who	Project managers, risk managers and facilitators who want the whole team to name the risks and agree on the numbers, early in a project or before a key decision.
When	The risks are not yet on paper, or sit in a simple list, and you want one session that ends with a shared risk register and a first P80 for cost and schedule.

What you need

- Your team in one session (or an existing risk list to take over)
- Base cost estimate and base duration
- Per risk: probability, and minimum / most likely / maximum for cost and for delay

What you get

- Risk register of IF/THEN/IMPACT statements (up to 100 risks)
- P50, P80 and P90 cost and duration, with the contingency
- Top ten risks by cost and by delay, with tornado charts
- Word management report, PowerPoint deck and Word workshop record

Edition and price

Edition	What it is
Full	Master tool with the populated demo case
Blank	Same tool, empty, for your own project
Demo (free)	15 demo risks, 2,000 iterations

One paid edition: the package holds the Full, Blank and Demo workbooks. **Price: $695.**

Workshop Kit (facilitation deck, participant canvas, capture sheet) and a library of about 150 example risks.

Check your installation: Demo case Cascade Valley (fictional): P80 cost $18,906,479 and P80 duration 99.2 weeks at seed 42.

QRCIM: Quantitative Risk & Cost Integration Model

What will it really cost? Your cost estimate and your risk register in one Monte Carlo model: the budget you need at the confidence level you choose.

Who	Cost engineers, estimators and risk analysts who prepare a budget or investment decision for a board, and consultants who run quantitative risk analyses for clients.
When	You have a cost estimate broken down into cost items and need estimate uncertainty and risk events in one simulation, checked by an audit gate, before you present a P80 or P85 budget.

What you need

- Cost estimate broken down into cost items, each with a range
- Risk events with probability and impact range
- Correlation between cost items; schedule risk rows (all in six gold input tabs)

What you get

- Budget at every level from P10 to P95, including P50, P80 and P85
- Verification suite (7 checks) and an audit gate before you report
- Word report and PowerPoint presentation for the board
- Mitigation tracker and client intake form

Edition and price

Edition	What it is
Full	Model with reference case, report and presentation generator; empty Start workbook
Demo (free)	Shortened reference case, up to 5,000 iterations, reports marked DEMO

One paid edition (Full, with an empty Start workbook). **Price: $795.**

Correlated cost items, so the tail of the distribution is not underestimated.

Check your installation: Reference case Cascade Highway Tunnel (fictional): base USD 416.0 M, P85 USD 515,256,546 at seed 42.

Schedule Risk Analyzer Pro

When will it really finish? Probabilistic schedule risk analysis on a real CPM network: a defensible P80 date instead of a hopeful one.

Who	Planners, schedulers and project managers who must commit to a completion date and explain which risks move it.
When	The board or client asks for a P80 date, and you have a schedule (activities and logic) and the risks that can delay it.

What you need

- Activities with minimum / most likely / maximum durations (up to 200)
- Logic links between the activities
- Risks (up to 50) linked to the activities they delay
- Or import the plan from a Primavera P6 XER file

What you get

- P50, P80 and P90 completion dates and the S-curve
- Risks ranked by their contribution to delay
- Word report and PowerPoint board pack
- Python verification script included

Edition and price

Edition	What it is
Full package	Your own network (up to 200 activities and 50 risks), Primavera P6 XER import, import guide and test schedule
Demo (free)	Up to 25 activities, 2,000 iterations, no P6 import

One paid edition: the full package, Primavera P6 import included. **Price: $795.**

Needs 64-bit Excel on Windows 10 or 11.

Check your installation: Reference case Hollin Sands Wind Phase 2 (fictional, workbook without P6 import): plan 26 Oct 2028, P80 21 Jul 2029.

4. ALLOCATE | VERSION 4.0

RCAT: Risk Contingency Allocation Tool

Who holds which part of the reserve? Estimate, justify and allocate the risk reserve: three methods side by side, one weighted recommendation, and a split into project contingency and management reserve.

Who	Project controllers, PMO leads and sponsors who must agree how large the contingency is and who controls which part of it.
When	The risks are known and you must defend the reserve to a sponsor, then split it by holder, risk category and work package.

What you need

- A risk register with probability and minimum / most likely / maximum impact
- Base estimate and work packages (WBS)
- Owner and status per risk; split percentage (default 70/30)

What you get

- Monte Carlo P80 next to bottom-up EMV and a factor-based estimate
- One weighted recommendation as a share of the base estimate
- Split into project contingency (project manager) and management reserve (sponsor)
- Allocation by risk category and work package; business case report and board deck

Edition and price

Edition	What it is
Full	Reference case Harbor Crossing Rail Tunnel
Start	Empty register, USD, ready for your project
Demo (free)	15 of the 30 reference risks, 2,000 iterations

One paid edition (Full, with an empty Start workbook). **Price: $695.**

RCAT splits the reserve between project manager and sponsor; it does not split risk between owner and contractor.

Check your installation: Reference case Harbor Crossing Rail Tunnel (fictional): P80 EUR 52,963,087, weighted recommendation EUR 42,209,857.

5. DECIDE | VERSION 1.2.2

Bid Price Optimizer

At what price do we bid? The bid price with the highest expected profit, with the win probability and the downside if you win.

Who	Bid managers, estimators and commercial directors at contractors who must set a tender price and defend it to a bid board.
When	You must set a bid price and want to weigh margin against the chance of winning, with your cost risk included.

What you need

- Cost estimate lines with minimum / most likely / maximum
- Risks with probability and impact; markups (overheads, bond, insurance, financing)
- Competitors: participation and price spread; non-price win factors
- Optional: your bid history

What you get

- Recommended price, the band around it, P(win) and expected profit
- Chance and size of a loss if you win (P(loss if won))
- Bid history, strategies and cash flow
- Bid board memo, Word report and PowerPoint deck

Edition and price

Edition	What it is
Full package	Bid price optimization with cost risk, bid history, strategies, cash flow and the bid board pack; Start workbook
Demo (free)	Reference case read-only, 2,000 iterations

One paid edition: the full package, bid board pack included. **Price: $795.**

USD, EUR or GBP.

Check your installation: Reference case Kestrow Link (fictional): recommended price EUR 301.9 M, P(win) 30%, expected profit EUR 2.49 M.

USING TOOLS TOGETHER

Typical combinations

You are	Tools	Why this combination
Owner or sponsor preparing a budget decision	Risk Analyzer + QRCIM + RCAT	Identify the risks with the team, model the budget at P85, then justify and split the contingency.
Planner or project controls lead	SRA Pro + QRCIM	The P80 date from the schedule network and the P85 budget from the cost estimate, for the same board decision.
Contractor bid team	Risk Analyzer + Bid Price Optimizer	Name the bid risks in one session, then price the tender on expected profit and downside.
Consultant running quantitative risk analyses for clients	Risk Analyzer + QRCIM + SRA Pro + RCAT + Bid Price Optimizer	The full chain: the licence allows use on projects you analyze for your clients.

Bundles

Decision Chain Bundle: $2,795 instead of $3,775 separately (save $980).

All five tools, each as its full package.

Launch offer: code LAUNCH20 gives 20% off every tool and the bundle until December 31, 2026.

FAQ

Frequently asked questions

Which tool should I start with?

Start where your project is today. No risk list yet: the Cost & Schedule Risk Analyzer. A register already and a reserve to justify and split: RCAT. A detailed estimate: QRCIM. A schedule and a date question: SRA Pro. A tender: the Bid Price Optimizer.

Do I need all five?

No. Every tool works on its own and answers one question. The chain helps when one project goes from risk identification to budget, date, allocation and bid; the bundle is for teams and consultants who meet all of those questions.

Do I need @RISK, Crystal Ball or another add-in?

No. The tools run in Microsoft Excel desktop with macros enabled; the Monte Carlo engine is built into each workbook.

Does it run on a Mac?

The tools are built and tested for Excel on Windows. Every package includes macOS workbooks or a macOS installation guide, but these have not yet been field-tested on a Mac. Word and PowerPoint output needs Windows.

Can I try before I buy?

Yes. Every tool has a free Demo edition with a reduced case and fewer iterations. You may share the unchanged Demo with colleagues for evaluation.

Can I trust the numbers?

Every tool ships with a reference case and the exact results it must return at a fixed seed, so you can check your installation. Validation notes compare the engines with independent calculations, several with Python scripts included.

Who may use one licence?

One named user on at most two devices, perpetual, for business and professional use. You may use the tool and its outputs on your own projects and on projects you analyze for clients.

What about updates and support?

All updates free for twelve months from purchase, and e-mail support at support@quantiltools.com (we aim to respond within two business days).

Is my data sent anywhere?

No. The tools run offline in your Excel; nothing is sent or collected.

Does a tool decide for me?

No. The tools support decisions; they do not take them. Review generated reports before you share them.

The tools support decisions; they do not take them. Quantil is a trading name of Bouman Management B.V.