

RISK STUDIO OVERVIEW

Schedule risk analysis you can trace, defend and review.

Validate inputs, evaluate the product on approved reference data and create an evidence-led route to qualified assurance. Capability and release authority stay separate.

Controlled availability. Risk Studio V2.12.1 is not generally available or authorised for independent client reliance. The client's approved external engine remains the formal system of record; internal quantitative results are cross-check evidence only. QCRA is supervised-pilot only. QSCRA is not offered.

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THE NEED

A number is useful only when the route to it is clear.

Risk Studio is designed for infrastructure teams that need speed, traceability and an honest statement of what may be relied upon.

For sponsors

See the range, drivers and decision context - not a black-box percentile.

For planners

Find schedule-quality defects and trace each finding to an activity or source row.

For risk teams

Use governed inputs, mappings, correlation and mitigation states in a repeatable workflow.

For assurance

Re-run with the same seed, inspect methodology and retain tamper-evident evidence.

Output gate. Outputs remain locked while blocker-severity validation findings are unresolved.

THE WORKFLOW

Four moves from raw inputs to a defensible conversation.

1. **Validate.** Check schedule and risk inputs across SOMA QSRA Readiness, DCMA, CIOB PP21 and an Acumen-aligned view.
2. **Model.** Run deterministic, seeded Monte Carlo with governed distributions, mappings, duration uncertainty and correlation.
3. **Explain.** Show S-curves, movement, risk drivers and activity drivers with source-level trace.
4. **Deliver.** Create controlled Excel, Word, PDF and HTML evidence plus supported round-trip formats.

Repeatability controls

- The current reference bundle uses 10,000 iterations and seed 1.
- Threats and opportunities remain distinct, with mitigation-state ordering enforced.
- Every public quantitative statement remains bounded by the system-of-record and non-reliance position.

CAPABILITIES

A focused suite, with current status stated plainly.

Module	Current status	Scope
QSRA	Available	Schedule-risk validation and internal quantitative cross-check evidence.
Schedule Lens	Available	Time-scaled XER diagnostics and source-level trace.
QCRA	Supervised evaluation	Cost-risk evaluation; formal validation and independent acceptance remain open.
QSCRA	Not offered	No public product or release-date promise.

Framework coverage

75 checks and metrics: SOMA QSRA Readiness 39, DCMA 14, CIOB PP21 12 and Acumen-aligned 10.

Evidence boundary. Implemented capability does not itself authorise public release, client reliance or replacement of the approved external engine.

DEPLOYMENT

Hosted control. Client-controlled content.

The hosted plane coordinates access and safe audit metadata. Sensitive scheme inputs and outputs stay in approved client-controlled storage.

SOMA-hosted control plane	Client-controlled storage
Identity and tenancy	Schedules and XER files
Entitlements	Risk registers and mappings
Safe audit metadata	Model inputs
Opaque storage pointers	Reports and outputs

- No schedules, risk registers or model outputs are persisted at rest on the hosted control plane.
- Pointers identify approved locations without embedding credentials.
- A separately governed self-host option is used where hosted processing is not acceptable.

NEXT STEP

Start with a walkthrough briefing.

The public request uses four safe fields. Detailed configuration continues only through the approved private intake after qualification.

1. **Request.** Provide organisation, contact name, work email and the outcome required.
2. **Qualify.** Confirm fit, scope, commercial route and security boundary.
3. **Configure.** Set identity, tenant, entitlement and client-owned storage through the private intake.
4. **Prove.** Complete access, isolation, storage, operations and acceptance evidence before any controlled activation.

Do not send client data. Do not attach schedules, risk registers, credentials, scheme identifiers or commercially sensitive detail to the public request.

Discuss product fit

Use approved reference data for the first walkthrough. A request does not create a tenant or authorise client reliance.

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