



MODULE MANUAL

Reports, downloads, APIs and engineering handover

Hand over complete, readable and reproducible engineering results

DOCUMENT BASIS

Product workflows, visible results, review criteria, evidence boundaries and controlled handover.



Document control

One controlled basis for public product guidance.

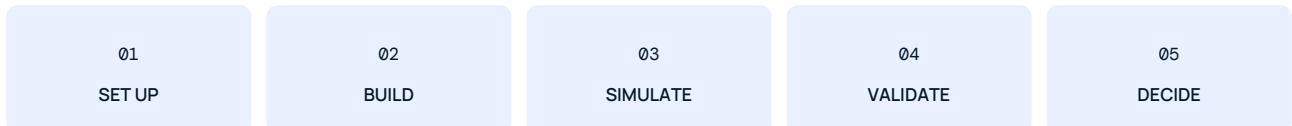
FIELD	VALUE
Document ID	M10-EN-4.2
Release	4.2
Reviewed	6 October 2026
Audience	Engineering, TEA/LCA, QA, customers, suppliers, management, data teams
Purpose	Can a third party understand the claim, evidence basis, model version and limitations without hidden knowledge?
Owner	Acatian Product and Engineering

APPLICABILITY LIMIT

This manual explains the product workflow and the evidence needed to interpret its outputs. It does not replace qualified engineering judgement, customer quality systems, safety review, equipment-vendor data or validation for a regulated intended use.

Scope and use

Use the navigation path, input register, visible-result description, review criteria and handover record together. A screen or exported number without its model version, basis, unit, evidence status and limitations is not a controlled engineering result.

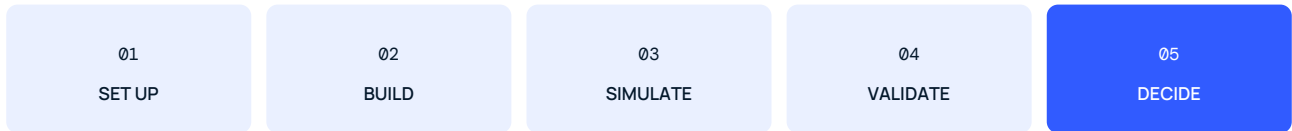


LANGUAGE

This document is written consistently in English. Product navigation names remain as displayed in the interface.

Reports, downloads, APIs and engineering handover

Hand over complete, readable and reproducible engineering results



ENGINEERING DECISION	PATH IN ACATIAN
Can a third party understand the claim, evidence basis, model version and limitations without hidden knowledge?	Decide > Reports & downloads / API export
PRIMARY USERS	PERMITTED MATURITY
Engineering, TEA/LCA, QA, customers, suppliers, management, data teams	Every export inherits model maturity; file format never increases validity

START WITH THE DECISION

A complete handover is more than headline KPIs. Acatian exports long-form tables, visuals, process graph, inputs, equations, uncertainty, readiness, version and manifest together.

Expected artifacts

ARTIFACT	RECIPIENT
Module result package	Engineering reviewer
Readiness register	Model owner
Controlled version	Project team

Prepare the model

INPUT	WHY IT MATTERS	READY WHEN
Controlled version	Fixes the state behind each artifact.	Project, branch, version, run ID and maturity are known.
Output scope	Defines recipient and required detail.	Review question and formats are selected.
Units and metadata	Prevents unusable tables.	Unit, basis, interval, source and time context are included.
Confidentiality	Restricts confidential data sharing.	Classification, recipient and redaction are reviewed.
Integrity	Supports verification and restore.	Manifest, checksums and model snapshot exist.

Preflight check

CHECK	Confirm the correct project, branch and controlled version
CHECK	Verify units, provenance and permissions
CHECK	Save a restore point before a decision-relevant change
CHECK	Keep blocking gaps visible

Workflow

01

Define recipient

Set engineering, TEA/LCA, QA, supplier or management and their question.

VISIBLE RESULT: The output set matches the user task.

02

Choose package

Select complete package or targeted XLSX/CSV/PDF/SVG/JSON/API artifacts.

VISIBLE RESULT: The list shows content, rows/sheets and version.

03

Generate export

Create the package and write the manifest.

VISIBLE RESULT: Download completes with stable filenames.

04

Open files

Test XLSX in Excel, PDF in viewer, SVG in browser and CSV delimiter.

VISIBLE RESULT: No repair warning, clipping or encoding error.

05

Inspect content

Verify cover, dictionary, units, inputs, long-form results, gaps and version.

VISIBLE RESULT: A third party can reproduce the claim.

06

Hand over and archive

Record package, approval, recipient and retention.

VISIBLE RESULT: Handover record and restore point exist.

07

Automate API

Use JSON/REST/webhook with minimal scopes and schema version.

VISIBLE RESULT: The consumer validates schema and idempotency.

Review the result

CRITERION	PASS CONDITION	IF IT FAILS
Scope and structure	The documented criterion is satisfied and supported by traceable evidence.	Correct the model or keep the output Not decision-ready.
Units and balances	The documented criterion is satisfied and supported by traceable evidence.	Correct the model or keep the output Not decision-ready.
Evidence and uncertainty	The documented criterion is satisfied and supported by traceable evidence.	Correct the model or keep the output Not decision-ready.
Reproducibility	The documented criterion is satisfied and supported by traceable evidence.	Correct the model or keep the output Not decision-ready.
Review state	The documented criterion is satisfied and supported by traceable evidence.	Correct the model or keep the output Not decision-ready.

APPLICABILITY LIMIT

A complete export documents model state; it does not turn a screening result into a validated result.

Troubleshooting

OBSERVATION	LIKELY CAUSE	CORRECTION
The result looks plausible but cannot be explained	Inputs, units, model version or evidence are missing.	Open the relevant register, restore traceability and rerun.
A change affects unexpected outputs	Dependencies or imported mappings were not reviewed.	Inspect the change plan and before/after diff; undo if required.
The module appears complete but readiness is low	Required industrial evidence is still missing.	Assign the visible gaps and keep maturity at Screening or Not decision-ready.

Controlled handover

ARTIFACT	RECIPIENT	MUST CONTAIN
Module result package	Engineering reviewer	Inputs, calculations, results, units, intervals, maturity
Readiness register	Model owner	Gap, required work, owner, due date, intended use
Controlled version	Project team	Branch, version, change note, reviewer and restore point

Completion check

CHECK	The active project, branch, version and intended use are visible.
CHECK	Inputs carry units, provenance, review state and uncertainty where relevant.
CHECK	Blocking model, physical, numerical and evidence gaps are closed or assigned.
CHECK	The result maturity matches the available evidence.
CHECK	The output package opens correctly and includes its limitations.

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