
Building the Business Case for Assai DMS

Quantifying the value of a controlled engineering
information foundation

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Engineering and asset-intensive organisations must keep specifications, drawings, procedures, decisions and records controlled, traceable and usable across projects and the asset lifecycle. Yet this information is often scattered across document systems, shared drives, project sites and legacy archives.

HOW ASSAI DMS BUILDS THE FOUNDATION



As that sprawl grows, three problems compound: people search for information that already exists elsewhere, conflicting document versions circulate because no single copy is authoritative, and the context behind a decision is lost as projects close out and staff move on. For day-to-day work this is a productivity drag — for a regulatory submission, audit or contractual handover, it becomes a compliance and continuity risk.

THE RESULT: STRONGER GOVERNANCE & AUDIT READINESS

Controlled revisions, documented approvals, complete audit trails and disciplined revision control through asset changes create a more defensible engineering record.

The first step is understanding how much of this exposure exists in your own organisation today.

Where the Economic Opportunity Comes From

The economic opportunity is assessed across three separate areas, each calculated from a different basis. In regulated environments, stronger compliance may provide additional value — treated as supporting evidence, not included in the standard calculation.



System Costs Identified

Licence, storage and tool costs the organisation identifies as potentially consolidatable.



Capacity Released

Engineering and document-control hours freed from fragmented systems and manual review coordination.



Handover Exposure

Current effort required to prepare, check and reconcile project and contractual handovers.

Each area uses a different cost basis and is reviewed separately — not added into a single savings total.

QUANTIFY THE CURRENT ENGINEERING INFORMATION EXPOSURE

A representative example translating recurring engineering information challenges into an economic baseline. Replace the illustrative inputs with your organisation's own team size, workload and blended costs.

1,080 hrs

440 hrs

= 1,520 hrs/yr

Working across fragmented document systems — 1,080 hrs/yr

Coordinating reviews, approvals & revision issues — 440 hrs/yr

at a blended
cost of €70/hour → **€106,400/year**

Current annual cost of navigating fragmented systems and coordinating reviews, approvals and revision issues.



Illustrative estimate, not a promised saving. €106,400 represents current gross annual effort before any improvement is applied. The recoverable share must be validated against the organisation's own processes, costs and expected adoption.

Quantify the Current Engineering Information Exposure

The economic baseline established on the previous page sets the scale of current effort. The figures below translate documented Assai DMS customer outcomes into the remaining pieces of the opportunity.



What engineering capacity could Assai DMS potentially release, and what could that capacity be worth?

ESTABLISH THE ASSAI DMS OPPORTUNITY

The economic baseline establishes the organisation's current exposure. The indicative calculation then applies factors based on outcomes observed in Assai DMS customer cases to the activities for which sufficiently quantified results are available:

- Where does work require navigating fragmented, overlapping document systems rather than a controlled system of record?
- Where does work get redone because it was based on a superseded or conflicting document version, or a disconnected approval process?
- Where does handover require teams to prepare, check or reconstruct information that should already be complete and controlled?
- Where do overlapping tools and repositories create licence and storage cost that could be consolidated?

**Current eligible effort × factors based on documented Assai DMS customer outcomes
= indicative potential capacity released**

A 60% factor is applied to fragmented-system navigation and a 60-70% range to review, approval and revision effort. No standard improvement factor is applied to handover, and no reduction is assumed for the system costs identified.

From Released Capacity to Financial Value

Assai DMS can create value across three areas, but the results are calculated from different bases and should be reviewed separately rather than added into a single savings total.

01 ANNUAL SYSTEM COST IDENTIFIED FOR POTENTIAL CONSOLIDATION

Licence, storage & tool costs the organisation identifies as potentially consolidatable

No cost reduction is assumed. The amount that becomes a realised saving depends on which systems and costs can actually be retired, reduced or consolidated.

02 ENGINEERING & DOCUMENT-CONTROL CAPACITY RELEASED

Fragmented-system navigation hours × 60% + review, approval & revision hours × 60–70%

Represents potential capacity that could be redirected to document control, engineering and project-delivery work. It should not automatically be treated as a cash saving.

03 CURRENT HANDOVER & CONTINUITY EXPOSURE

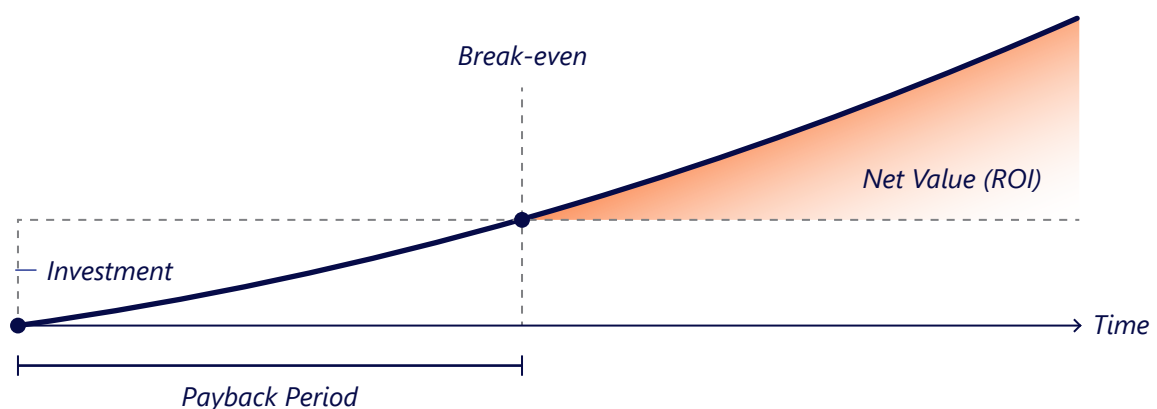
Handover preparation, check & reconciliation hours × blended cost

Effort varies considerably by project, information scope and delivery requirements. Shown as current exposure and assessed separately from the two levers above.

THREE VALUE AREAS, ASSESSED SEPARATELY
System Costs Identified · Capacity Released · Handover Exposure

IS THE OPPORTUNITY LARGE ENOUGH TO JUSTIFY ASSAI DMS?

Quantifying potential value is only one side of the business case. The investment decision depends on whether Assai DMS can create enough value to justify the required investment.



BREAK-EVEN

How much annual value must Assai DMS create to offset the investment?

ROI

How does the potential net value compare with the investment?

PAYBACK

How long would it take to recover the investment from the value created?

Build the Business Case with Your Numbers

Gather these inputs from your own organisation to replace the representative assumptions used throughout this document.

Document Landscape

- Number of active document systems, repositories and existing archives
- Annual licence, storage, support and administration costs
- Systems or repositories that could realistically be consolidated

People & Processes

- Document controllers, engineering reviewers and project-support roles involved
- Average blended hourly cost of those roles
- Time spent navigating fragmented systems
- Number of document reviews, approvals and revision issues
- Average effort required to coordinate or resolve each issue

Handover & Continuity

- Number of project, contractor or client handovers each year
- Time spent preparing, checking and reconciling each handover
- Overtime, extensions or remediation from incomplete handover information
- Number of operational modifications or managed changes each year
- Time spent updating, verifying and reconciling affected documents
- Effort to identify the current approved documentation after an asset change

Scope & Adoption

- Document areas and processes included in the proposed scope
- Projects, teams or business units included
- Expected adoption and implementation timing
- How released capacity could be used within the organisation

Assai can use these inputs and the indicative results to help build a complete business case and assess break-even, ROI, payback and multi-year value against the required DMS investment.

What Could Assai DMS Mean for Your Organisation?

Use your own team size, current effort and system costs to see what Assai DMS could mean for your organisation.

Build your Assai DMS business case →



Clarity in Complexity.