

SYNAPSE CASE STUDY

# Organisational intelligence that knows your organisation.

We ran Synapse on a major North Sea operator’s Operating Management System.

Here is what we found.

Synapse reads an organisation’s management system documents and maps every documented responsibility to a named role, with every assignment back-linked to the verbatim source text. In a recent engagement with a major North Sea operator, we ran it end-to-end across 77 Operating Management System documents, covering every role referenced in the operator’s management system. The result is a complete, audit-grade record of who is accountable for what across the operator’s onshore operations — traceable to the document and the source sentence.

WHAT THE ENGAGEMENT PROVED

<p><b>77</b></p> <hr/> <p>OMS documents processed</p>	<p><b>4,898</b></p> <hr/> <p>role-responsibility assignments extracted</p>	<p><b>&lt;0.1%</b></p> <hr/> <p>quote-verification error rate against source documents</p>
<p><b>~4,000</b></p> <hr/> <p>source pages processed</p>	<p><b>100%</b></p> <hr/> <p>of documented roles mapped</p>	<p><b>100%</b></p> <hr/> <p>assignments back-linked to verbatim source text</p>

## WHAT SYNAPSE DELIVERS

### Audit-grade traceability

Every assignment carries the verbatim source text and document reference it came from. When a question arises about who is accountable for a given responsibility, the answer is a citation, not an interpretation.

### Comprehensive role mapping

Every documented responsibility maps cleanly to the operator's organisational role list, covering every role referenced across the asset base. One authoritative picture of who does what, end to end.

### A system for your management system

Synapse turns the management system from a folder of PDFs into a queryable model. See which roles are referenced where, find responsibilities by document, and track edits as the organisation evolves, all in one place.

## ESTIMATED IMPACT

PER REFRESH CYCLE

**~741**

### ANALYST-HOURS SAVED

Conservative estimate per refresh cycle, for this corpus alone.

**3-5** FTE

Manual reconciliation replaced per major change cycle

**6** MO → WKS

Typical change timeline compressed with Synapse

**£250k**

Typical cost of a major organisational change exercise

Based on a conservative estimate of 5 minutes per page reviewed and 5 minutes per responsibility extracted. Real effort is likely materially higher. The 3-5 FTE, 6-month, and £250k figures reflect outcomes from a separate live operator engagement.

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### Smart role mapping

Match documented responsibilities to canonical organisational roles, including alias handling and asset-scoping for roles that span multiple operating assets.

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### Org chart vs HR source-of-truth comparison

Surface where the documented organisation drifts from the HR-system roster so gaps between what is documented and who actually holds the role are caught early.

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### Management system change tracking

Track edits, additions, and removals to the documented organisation as documents are revised, so changes are visible and auditable rather than discovered in hindsight.

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### Job-description generation

Derive a structured job description for every role from its documented responsibilities, ready for competency framework alignment.

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### Regulatory reference mapping

Cross-link responsibilities to specific regulatory articles and standards, so every assignment carries both its source text and its regulatory context.

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