

Transforming Oil & Gas Documents into Actionable Asset Intelligence

**Develop Asset Intelligence.
Avoid Manual Data Entry.
Drive Operational Excellence.**

xMentium links millions of technical and business documents to your assets, enabling efficient operations, improved engineering workflows, and stronger regulatory compliance.



xMentium Delivers Smarter Asset Management for Oil & Gas

Extract Data from Complex Documents: Instantly capture data from P&IDs, inspection isometrics, quality reports, 3D scans, operating procedures, supplier documents, and diagrams.

Unlock Insights at Scale: Compare and analyze information across sites, assets, and document types, enabling fast decisions for maintenance, reliability, and audits.

Reduce Data Blind Spots: Identify missing, outdated, or inconsistent technical documentation, reducing compliance gaps and operational risk.

Enrich Your Asset Repositories: Make your asset repositories more intelligent by incorporating tagged and structured document data, transforming them into a powerful knowledge base.

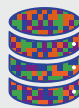
How Analysis Studio Works

Our proven AI-powered platform turns technical drawings, reports, images, tables, and unstructured documents into precisely tagged and searchable data for maintenance and compliance-driven engineering and operations excellence.



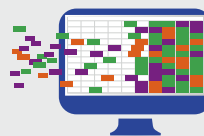
Import

Bring in documents from any source. Drag and drop files or connect to existing repositories.



Enrich

Automatically tag language blocks, terms, and entities with precision. Transform text into structured and searchable data.



Analyze

Uncover patterns, risks, and opportunities across vast sets of documents through focused Knowledge Set insights.



Distribute

Share actionable data and insights through reports, APIs, and integrations so that intelligence powers every decision.

"With xMentium, we see the potential to unlock more than 100 opportunities to save millions through better turnarounds and maintenance. Transforming our documents into data and insights empowers us to achieve what wasn't possible before."

Senior Executive, Tier 1 Oil & Gas

High-Impact Use Cases for Oil & Gas

Asset Integrity & Compliance

Find, extract, and analyze P&IDs, isometrics, and safety records to support construction, maintenance, and regulatory compliance.



Turnarounds & Operations Efficiency

Analyze SOPs, maintenance logs, and field reports to drive efficiency gains and consistency through streamlined access to the latest accurate information.



Business Integration & Project Streamlining

Apply digitized, tagged, and classified asset documentation for faster equipment purchases, project handovers, and capital upgrades.



Key Features

Purpose-Built for Oil & Gas

AI models trained to parse and understand technical diagrams, engineering drawings, SOPs, markups, and contract amendments. No tuning required.

Custom Tagging Models

Automatically capture asset IDs, line numbers, and document types (including P&ID, isometric, as-builts, and inspection reports) based on your asset taxonomy.

Document Review Console

A powerful side-by-side UI for human-in-the-loop quality review and data enhancement.

Asset Library Export

Export all contextually tagged document data into your Asset Library, enabling engineers to search by tag, document type, component, or ID.

Enterprise-Grade Security

SOC 2 compliant. Scalable. Fully permissioned.

Why Oil & Gas Leaders Trust xMentium

Handles Real-World Complexity: Seamlessly processes multipart documents, layered markups, handwriting, scanned images, and engineering tables.

Drives Team Collaboration: Connects engineering, operations, maintenance, compliance, and safety teams by surfacing and analyzing key information, both internal and from suppliers and service partners, throughout the asset lifecycle and across document types.

Proven at Scale: Handles millions of technical documents across repositories supporting upstream, midstream, and downstream operations.

Data Ownership & Security: Your data remains secure, private, and fully under your control—hosted in Microsoft Azure or the hyperscale infrastructure of your choice, integrated with leading enterprise repositories such as OpenText and SharePoint.

Revolutionize Your Document Intelligence

Develop Asset Intelligence — Eliminate Manual Data Entry — Drive Ops Excellence

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