

# Unlock subsurface data

Iron Mountain Upstream Subsurface Data solution

## Challenge

The energy industry has collected vast amounts of subsurface data for more than fifty years. Storing, retrieving, and analyzing this information across a variety of different form factors (large maps, well logs, drawings, tape, seismic sections) is a daunting challenge. Driving strategic decisions is often difficult because both the format and location of data is not easily accessible.

## Impact

Natural resource exploration demands precise data-driven decisions due to the high cost of drilling. This data is crucial for mergers, acquisitions, and divestitures, impacting every part of the business. It's also critical for carbon capture and storage considerations. However, accessing and understanding this data is challenging. Old physical formats clash with the flood of new digital data. Offsite storage and compatibility issues with current analysis models further hinder access to information. The task of finding reliable data from multiple sources is daunting, especially

when rapid analysis is needed. Unstructured data storage, manual processes, and global operations add to these complexities.

## What if you could

Access and analyze massive, distributed and incongruent datasets to help your organization:

- Digitize disorganized and physically distanced information to speed analysis.
- Drive operational efficiency for a more productive global workforce.
- Reduce access time to legacy data, driving better decision making.



## Industry fact

Iron Mountain stores more than 1.75M cubic feet of core samples, physical documents and digital media, and is strategically positioned to also store seismic digital assets.



## Iron Mountain Upstream Subsurface Data solution

Iron Mountain is the trusted partner for energy companies, disrupting and reinventing themselves in today's energy transition. The Upstream Subsurface Data solution, offered with Katalyst Data Management, enables companies to access critical subsurface data through searchable digitized information previously stored in paper records or other legacy formats.

- **Digitize legacy assets:** Iron Mountain enables visibility into massive stores of unstructured legacy energy data by digitizing key information and making it available in Katalyst's iGlass software. Geoscientists can now visually seek insights, often uncovering previously lost or miscategorized subsurface data. The timely access to this unified data can drive faster strategic decisions with more confidence. Even physical data – paper and tape – can be digitized with searchable metadata, integrating them into existing decision frameworks.
- **Improve operations:** Organizations can drive better operational efficiency by unifying their subsurface data into a single

platform. The Upstream Subsurface Data solution aids retrieval, preparation, digitization, classification, and quality control of subsurface data records across multiple geographic locations, consolidating subsurface data. Our numerous, scalable scanning supercenters and logistics coordination can handle many asset types. Our project teams improve productivity by defining phases, timelines, budgets, and scope for data digitization.

- **Preserve knowledge:** With a digital auditable chain of custody and secure warehouses, our project teams can help you reduce the costs associated with storing and retrieving data by including filterable metadata. We do this by converting physical documents, tape, and other data formats into easily searchable data to help maximizing revenue generation.

### Clear business benefits

Upstream businesses can realize clear benefits by deploying the Iron Mountain Upstream Subsurface Data solution.

- **Get better visibility:** Enable your organization to see broader aspects of your data. Regardless of the format

or structure, your massive collection of unstructured data can be accessible and organized, enabling better understanding of the information that allows a geoscientist to analyze and identify hidden opportunities.

- **Increase efficiency:** Focus efforts where they can truly deliver the best performance. Iron Mountain's high-speed scanning supercenters and logistics coordination can help boost productivity by offloading routine tasks where Iron Mountain excels.
- **Improve decision making:** Let the value of digitally connected information drive smarter decisions faster. Accelerate your business opportunities and turn your existing information assets into a stronger and more predictable revenue stream.

Contact Iron Mountain to learn how we can help optimize your energy enterprise, accelerating efficiency and higher velocity.



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### About Iron Mountain and Katalyst Data Management

Iron Mountain Incorporated (NYSE: IRM), founded in 1951, is the global leader for storage and information management services. Trusted by more than 220,000 organizations around the world, and with a real estate network of more than 85 million square feet across more than 1,400 facilities in over 50 countries, Iron Mountain stores and protects billions of information assets, including critical business information, highly sensitive data, and cultural and historical artifacts. Iron Mountain helps organizations to lower cost and risk, comply with regulations, recover from disaster, and enable a more digital way of working. Visit [www.ironmountain.com](https://www.ironmountain.com) for more information.

Through Katalyst Data Management's 40+ years of data management experience, they have gained industry leading expertise, and offer that experience through their consulting group. From providing resources to perform and supplement customers' data management needs to strategic consulting and cloud architecture planning, they assist Energy customers with their data management strategy in an ever-evolving market.