

GEOVERSE

Delivering world-class geological data right to your desktop

cgg.com/geoverse

SEE THINGS DIFFERENTLY



DATA ACCESS MADE EASY

The way people use and interpret data has changed dramatically over the past two decades. Given that over 4.5 billion use the internet for quick knowledge transfer and idea sharing, it's now more important than ever to make data available in a convenient and time-efficient way.

Increased data accessibility not only empowers people to become more creative, it also promotes more productivity and quicker results. Over 90% of business professionals agree that data and analytics are key to their organisations implementing new solutions.

Capitalizing on our expertise as a people, data, technology company, CGG set out to create a more efficient and reliable way for our customers to access data. The result is **GeoVerse**: a truly unique and diverse, globally extensive geological database spanning more than 50 years of data acquisition and data creation.



WHY GEOVERSE?

GeoVerse is CGG's new flagship geological multi-client database. Through a combination of advanced data organization and machine-learning processes, **GeoVerse** enables a step-change in data analytics and data interrogation.

Split into three modules, **GeoVerse** provides geoscientists with different data needs at different scales:

- **GeoVerse Primary Data**
- **GeoVerse Interpretation**
- **GeoVerse PalaeoSpace**

GeoVerse has been built from the ground up to provide integrated geological datasets. Multi-disciplinary teams can use these data to make more accurate interpretations and cross-check them with other disciplines to ensure continuity.

At the heart of **GeoVerse** is a robust industry-leading architecture strengthened by a unique taxonomy and ontology. This organized structure enables easy access to data, as well as a better understanding of the relationships between a wide range of datasets.

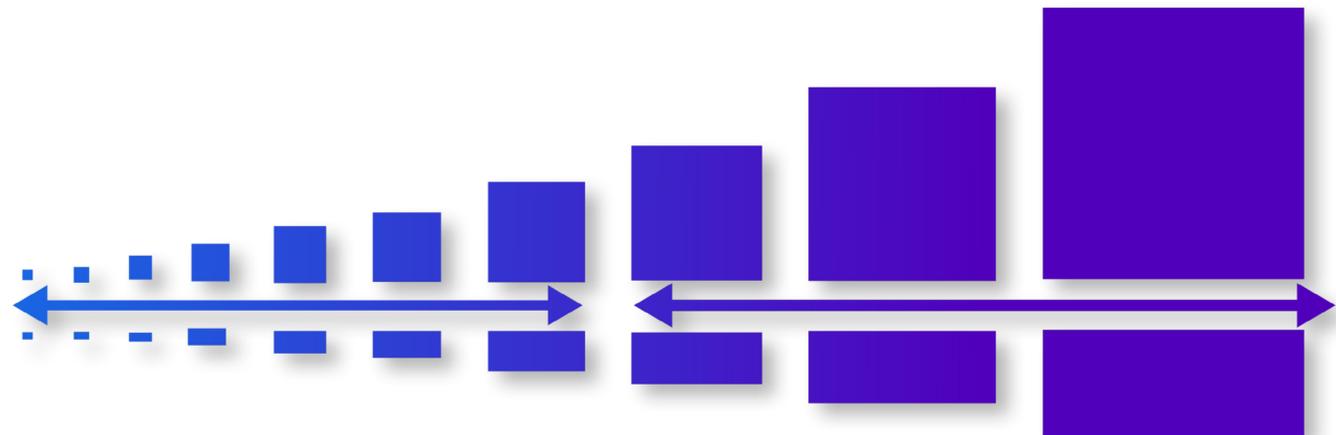
We believe users should be able to access the data they need on a platform most familiar to them. This is why we made **GeoVerse** completely software-agnostic.



GEOVERSE PRIMARY DATA

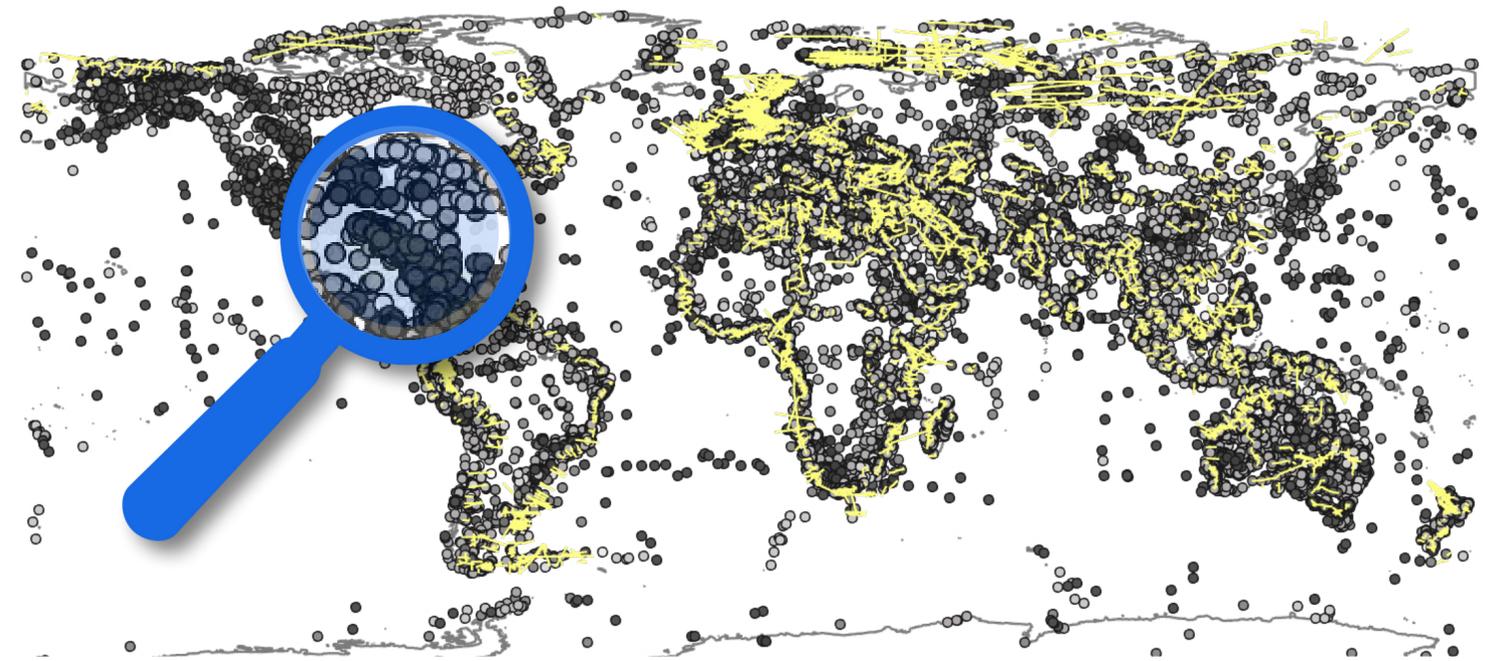
A wealth of digitally transformed data

GeoVerse Primary Data provides access through the Cloud to a digitally transformed database derived from the full suite of CGG's geological multi-client products, including a legacy of 600 **Robertson** "Red Book" Studies, which are added to on a continuous basis with new studies targeted at addressing today's emerging exploration challenges.



Click [below](#) to show your interest in learning more about the GeoVerse Primary Data layer

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Evolving old into new

A common challenge across E&P is the lack of access to data locked in legacy formats of various vintages. These can be hand-drawn maps, data saved in outdated software platforms or book-bound contextual files that are not digital and therefore of little use in today's digitized workflows.

Working with our data scientists, we developed advanced optimal character recognition screening and translation processes to liberate data locked in various formats. This ensures **GeoVerse Primary Data** contains all the available data CGG has to offer in each area.



GEOVERSE PRIMARY DATA

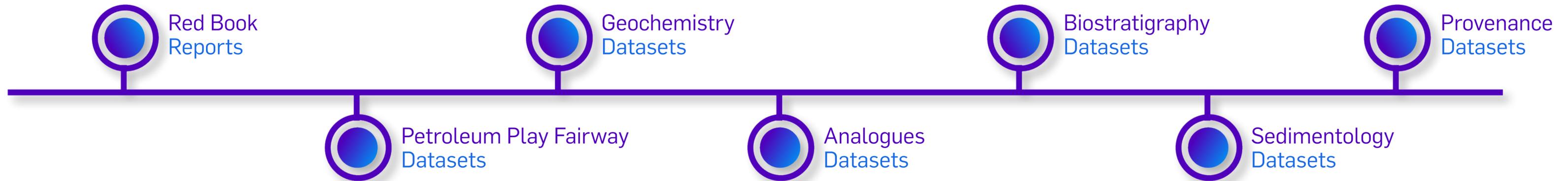
Raw is the core

The primary data layer is by far the largest component of **GeoVerse**. With over 6 million rows of raw data, and more being added on a weekly basis, true multi-disciplinary analysis has never been easier.

Check out a few of the numerous datasets encapsulated in **GeoVerse Primary Data**.

Liberate the core

Our industry-leading taxonomy contains more than 250,000 definitions and is continually growing as we liberate more and more data from our extensive 50-year multi-client portfolio. When you combine these taxa with our advanced ontological framework, the result is an integrated experience where you have control over data of most interest.



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[**GeoVerse** has more definitions than there are words in the concise Oxford English Dictionary!]



GEOVERSE INTERPRETATION

It's all in the details

GeoVerse Interpretation is a next-generation play fairway mapping product for selected key basins, generated by industry-leading geoscience teams that were behind the highly successful Tellus/Basins & Plays products.

Built using full access to **GeoVerse Primary Data**, CGG's seismic data, **JumpStart™** fully integrated multi-client geoscience packages and **GeoWells** products, the new mapping incorporates consistent play-level map layers, new mapping methodologies, and unrivaled flexibility.



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GEOVERSE INTERPRETATION

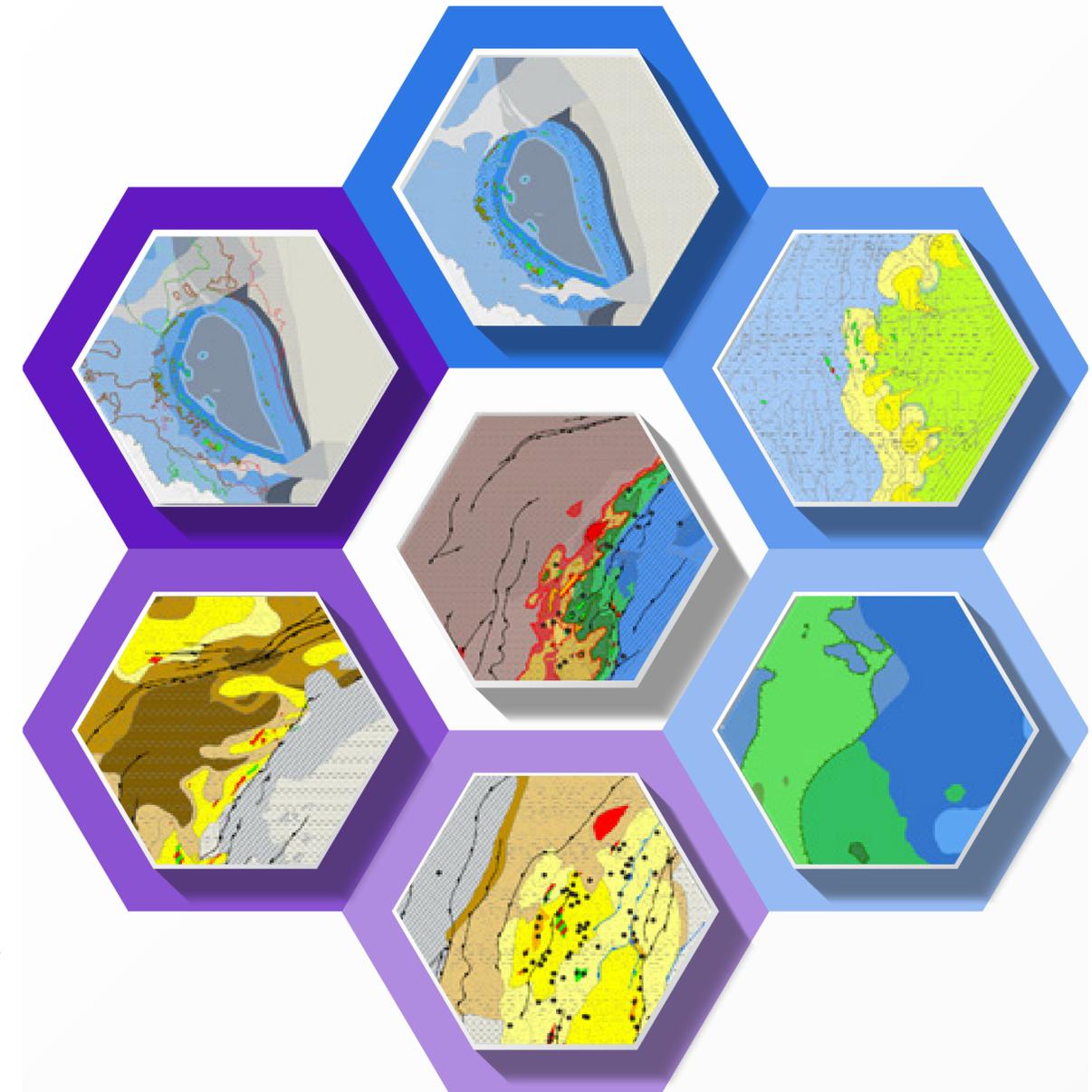
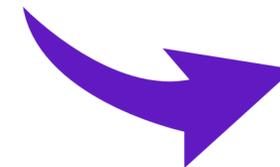
Stack the layers for even more detail

A key advantage of such a large internal database is the level of detail we can achieve across a multitude of mapping layers. As a user, you can expect multiple detailed layers for every play, totaling 1,900 mapped petroleum systems elements across 131 plays in 28 key basins.

Some of these include:

- Source presence, quality and maturity maps
- Source confidence and depositional environment maps
- Reservoir quality, lithology and data confidence maps
- Seal integrity and presence maps
- Basin-scale and play-level structural element maps

Check out some of the deliverables!



Click [below](#) to show your interest in learning more about the GeoVerse Interpretation layer

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GEOVERSE PALAEOSPACE

Key to the present is the past

A crucial part of any exploration workflow is understanding the constraints of your control points. With **GeoVerse PalaeoSpace**, we provide you with the most detailed maps across nineteen key time slices.

GeoVerse PalaeoSpace provides you with the industry's richest palaeo-Earth systems datasets that span the most productive source-generating intervals over Earth's history. This includes access to over 6,700 palaeo-Earth simulated modeling results.

Access to **GeoVerse PalaeoSpace** provides rich global map products and the ability to evaluate geological data in its original geometric context.

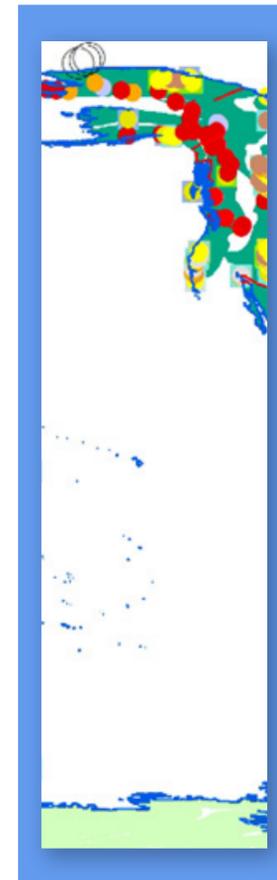
Click [below](#) to show your interest in learning more about the GeoVerse PalaeoSpace layer

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More than 6,700 simulated modeling results



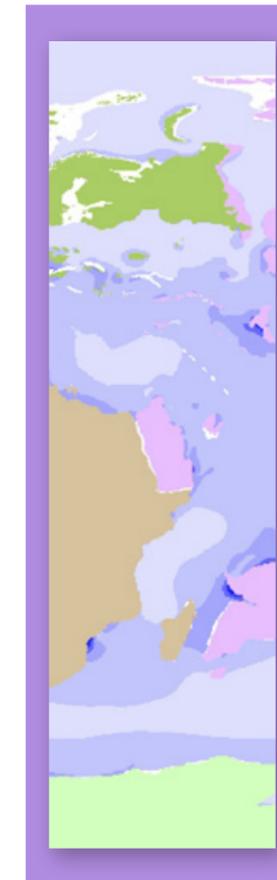
Climatic modeling



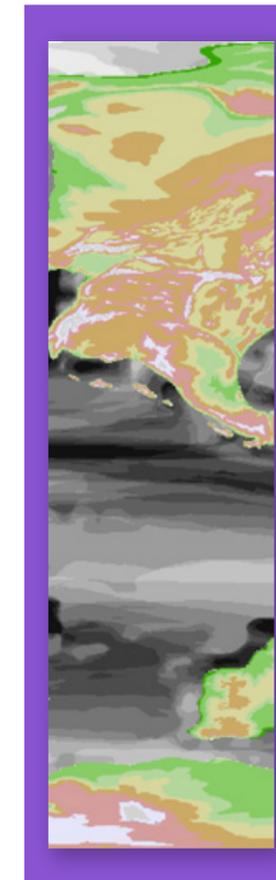
Precise control



Tidal modeling



Palaeo-geographies



Source rock prediction

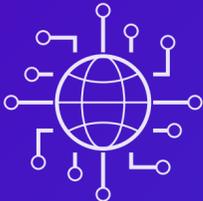
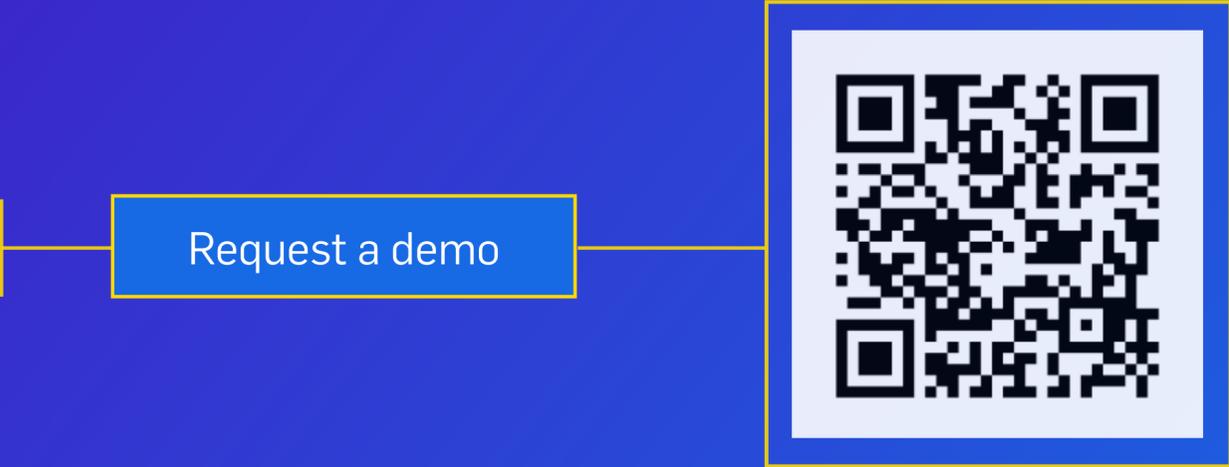


Atmospheric modeling



See it for yourself!

Click on the link or scan the QR Code to show your interest in receiving a demonstration of the database in action.



250K+
Taxonomic
entries



1100+
Data
types



230K+
Contextual
files



600+
Red Book
reports

