GeoPortal

Data Hosting & Processes - web platform for geological data

by DeepLime

DeepLime GeoPortal is a web application designed for the geoscientists to host data, deploy workflows and offer

- Cloud-based and highly-scalable
- Visualization and queries for spatially distributed geological data
- Handles versioning of data and processes for auditability

DeepLime GeoPortal is the gateway to centralised geological data, shared models and processes at corporate scale.

Built for the geoscientist

DeepLime Geoportal has been **built around the geoscientist**'s way of working.

Visualisations and data organisation are **spatially driven**.

Interactive visualisations are available for the data used (drillholes, polygones, grids, point clouds, block models, ...).

Data and models are signed off by the competent person to ensure **governance** of processes.

Use cases

Workflows are highly **customisable** and deploy on centralised data. These processes grant a certain level of **standardisation** in generation of results:

- Drillhole QA-QC
- Dig-limit optimisation/definition
- Grade control modelling
- Legal reporting
- Documents parsing and mining
- Fast Resource and Reserve modelling

Data and Processes Centralisation

DeepLime GeoPortal can host **any data formats** and workflows in the form of **Python scripts**.

DeepLime GeoPortal's databases are **geographically & model referenced** and can be spatially queried.

All upload or generated data is **versioned** against the user and the process it stems from, granting auditability.

Processes are unconstrained and offer great **flexibility**. They can be tested on live data and **effortlessly deployed** to end-users.

Architecture & Security

DeepLime GeoPortal can be deployed on **internal Clouds,** or be accessed through a **DeepLime hosting**.

Data is securely stored and **encrypted,** and access is **protected** and partitioned to relevant internal users.

Licencing & Support

We provide corporate licenses, or SaaS access to adjust pricing to company size.

Full remote support available, with offices in France, Australia, and New Caledonia.

contact@deeplime.io