



GeoPortal

The digital hub for data and process centralization

Build, share and automate Python-based workflows with GeoPortal

GeoPortal is a corporate cloud-based data science platform for geoscientists to build and deploy data-driven workflows. It benefits from cutting-edge system security while leveraging high automation and computation capabilities for unmatched productivity.

Key Benefits

- Central and collaborative corporate platform
- Easy deployment of internal Python scripts and workflows
- Data and process governance through tracking and sign-off capabilities
- High customization and automation capabilities

GeoPortal is the gateway to centralized geological data, shared models and standardized processes.

The Single Source of Truth

Gathering all data and processes on a single platform, GeoPortal provides its users with a secured access to the same information at all times, ensuring data and tasks transparency throughout projects life-cycle.

All uploaded and generated data is tracked and versioned against the user and the process it stems from, granting full auditability. Data and models can be signed-off by Competent/Qualified Persons to make sure processes are carried out effectively and in compliance with corporate regulations and standards.

Data is thus efficiently used, error risks reduced, which ultimately results in accelerated project completion.

Highly Flexible & Customizable

GeoPortal can host any data format, any workflow in the form of Python scripts and third-party components, and can connect to external data sources.

It consequently offers endless possibilities to design taylor-made workflows which can be versioned, live tested, and seamlessly deployed to end-users.

Standardization & Automation

GeoPortal enables the implementation of standard workflows across an organization, unifying and securing practices at corporate level.

Workflows can be automated and leverage cloud computing. Users can launch dozens or hundreds of jobs simultaneously, and focus on rewarding and impactful actions rather than repetitive tasks.

Built for Geoscientists

Data and models are geo-referenced and hierarchically organized. All tools for visualization and QC are available with high interactivity levels and can be organized into custom templates for efficient analysis.

Built for Managers

As a central platform, GeoPortal allows managers to access project status and results through standardized reports in a heartbeat.

Architecture & Security

GeoPortal can be deployed on private clouds or be hosted by DeepLime.

Data is securely stored and encrypted.