Driver

SOLUTION BRIEF

DISCOVER TRENDS, MODEL SMARTER, AND MOVE FASTER WITH DRIVER ON SEEQUENT EVO

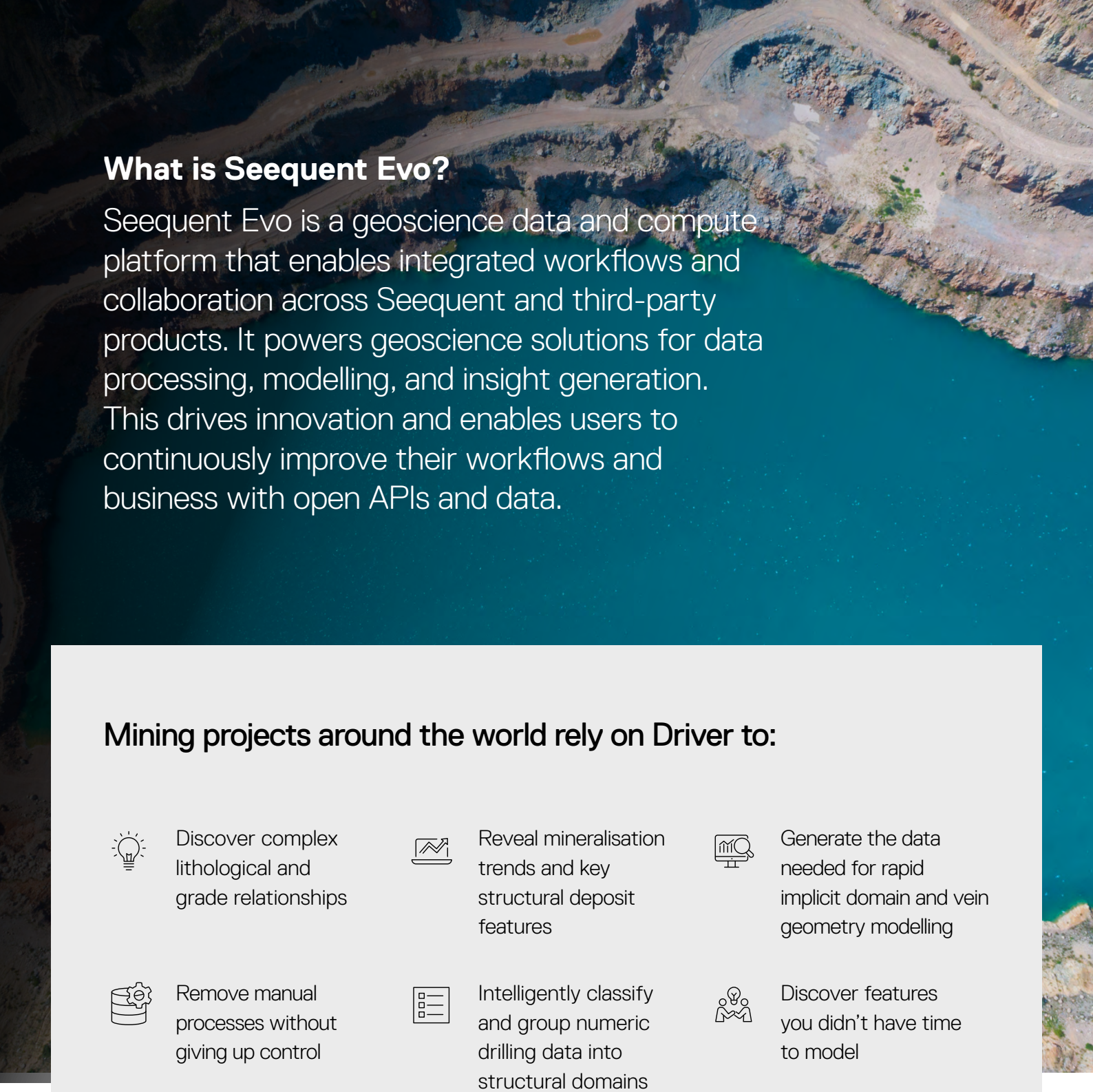
Every mineral deposit has a story, but without a clear understanding of its structure, even the best datasets can produce weak models. Most geologists still rely on manual interpretation to reveal complex continuity trends. The process is time-consuming, subjective, and difficult to reproduce.

Driver is a cloud-based rapid analysis tool built on the Seequent Evo platform that automates drilling data interpretation using machine learning, instead of manually digitising structural features, such as folds, faults, or veins. Driver can rapidly map these local 3D continuity trends, directly from the numeric or categorical drilling data. Driver-generated local ellipsoid trends help Leapfrog users build complex, geologically realistic implicit models in minutes, not weeks.

It's a data-driven, audit-friendly, and transparent way to accelerate deposit-scale interpretation and build better models, while keeping the geologist in control.

SEEQUENT

Seequent, The Bentley Subsurface Company

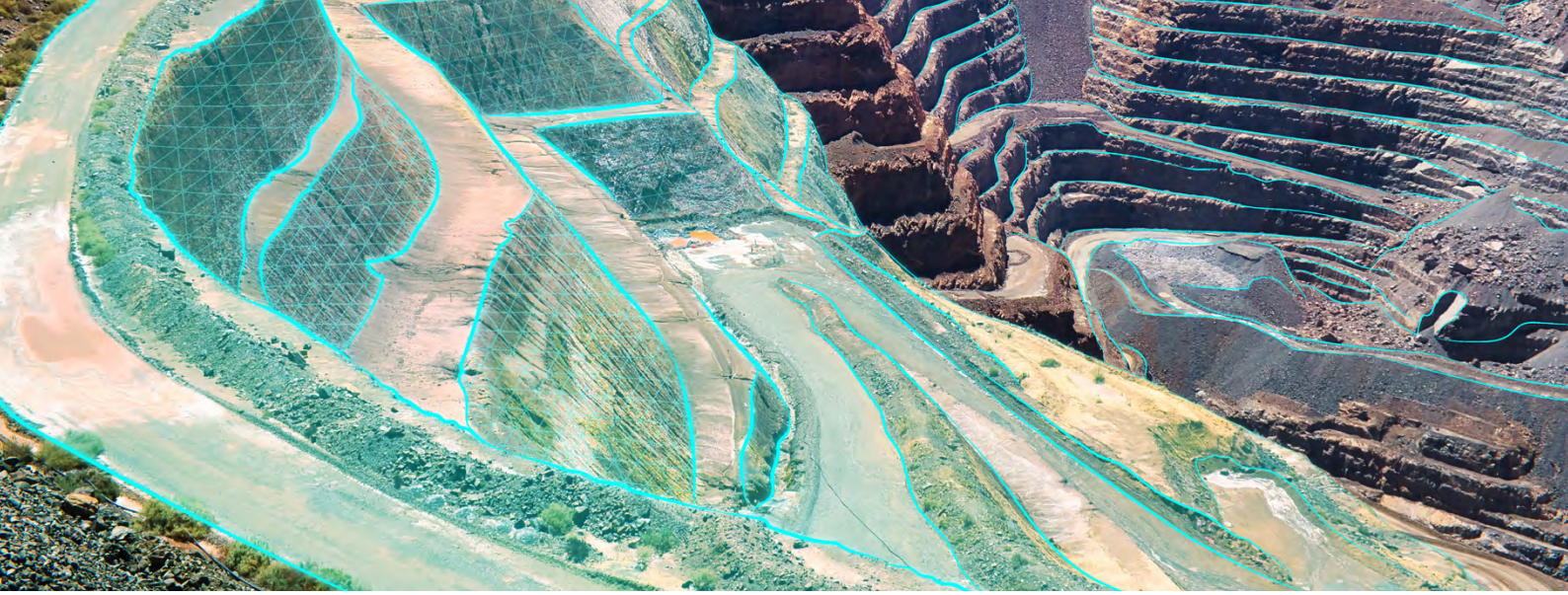


What is Seequent Evo?

Seequent Evo is a geoscience data and compute platform that enables integrated workflows and collaboration across Seequent and third-party products. It powers geoscience solutions for data processing, modelling, and insight generation. This drives innovation and enables users to continuously improve their workflows and business with open APIs and data.

Mining projects around the world rely on Driver to:

- Discover complex lithological and grade relationships
- Reveal mineralisation trends and key structural deposit features
- Generate the data needed for rapid implicit domain and vein geometry modelling
- Remove manual processes without giving up control
- Intelligently classify and group numeric drilling data into structural domains
- Discover features you didn't have time to model



Successful model analysis is powered by Driver

Discover complex lithological and grade relationships

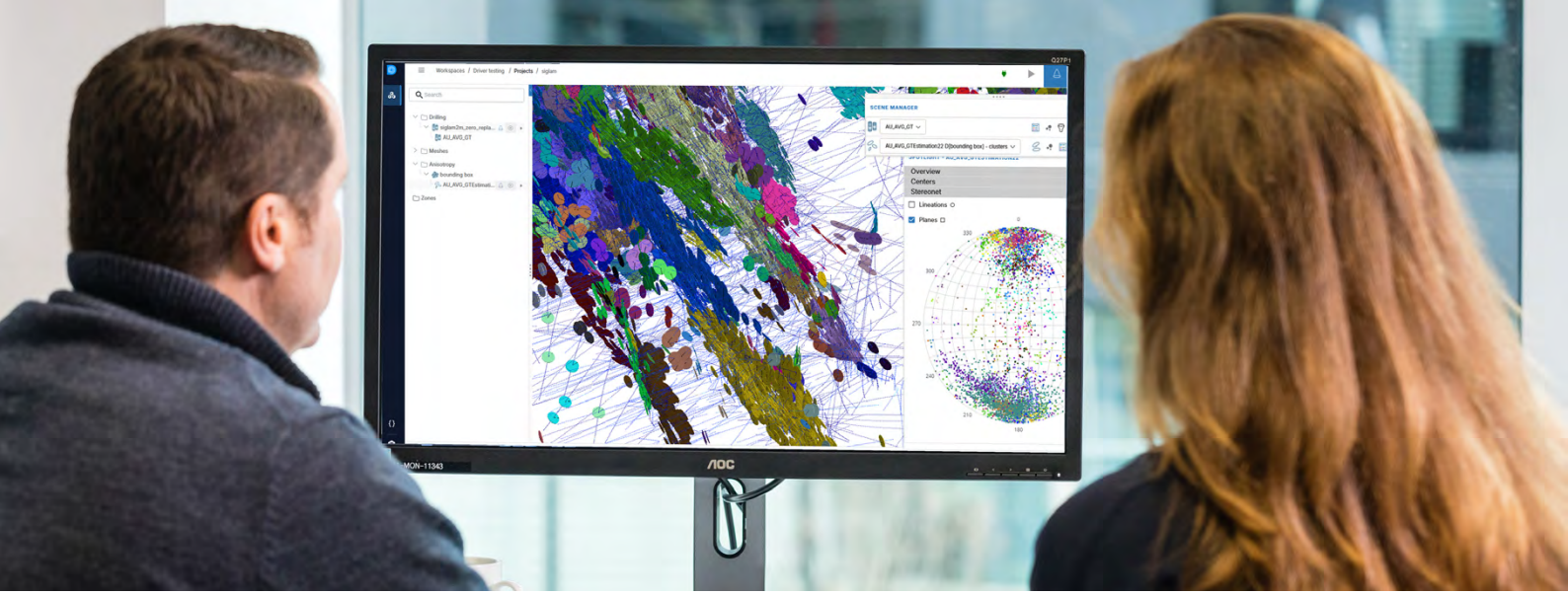
Build a clearer picture of deposit-scale geology to guide better exploration and reduce uncertainty, with no coding required.

Reveal mineralisation trends and key structural deposit features

Driver uses local ellipsoids to highlight structural trends that control mineralisation, supporting smarter exploration, domain definition, and resource estimation.

Generate the data needed for rapid implicit domain and vein geometry modelling

Driver outputs integrate directly into Leapfrog Geo and Leapfrog Edge by guiding form interpolants and structural trend surfaces for more accurate geometry, better continuity, and improved implicit surfaces.



Remove manual processes without giving up control

Automate repetitive, manual deposit interpretation with fast, confidence-scored insights, without removing the geologist from the process.

Intelligently classify and group numeric drilling data into structural domains

Automatically cluster data into continuity-based domains to identify distinct features, segregate veins and mineralisation zones, and inform data-driven implicit modelling, making interpretations easier to compare across sites and projects.

Discover features you didn't have time to model

Analyse dozens of attributes in parallel to uncover supporting trends and secondary structures often overlooked in manual workflows.

Explore the key features that power Driver

Built on Seequent Evo, Driver delivers transparent, editable outputs that integrate directly into Leapfrog workflows, helping teams move faster without compromising control or geological insight.



Automated spatial continuity detection

Seequent's algorithm detects 3D spatial continuity within numerical and categorical data

- Apply to any attribute, including assays, lithology, or alteration
- Reveal trends as local ellipsoids representing 3D anisotropy
- Run in minutes using Evo's cloud compute

Ellipsoid-based outputs

See structure clearly with classified and scored 3D local ellipsoids

- See orientation, strength, and spatial extent of local continuity
- Visualise data-driven geological structure in Leapfrog or directly in Driver
- Evaluate model confidence metrics and metadata to further refine interpretation

Multi-attribute parallel analysis

Uncover trends across all your data attributes and run continuity detection on numeric and categorical variables simultaneously

- Compare the structural signature of assays, density, lithology, or alteration
- Reveal features often missed due to time constraints

Intelligent sample classification and grouping

Group samples to define meaningful geological features

- Continuity-following machine learning automatically groups data into spatially consistent features
- Identify structural domains, segregate individual veins, or extract mineralisation zones
- Use classified samples to accelerate estimation domain building

Seamless data flow

Driver is built on Evo and designed to support Leapfrog modelling from start to finish

- Import drilling data from Leapfrog via Evo with a few clicks
- Export local ellipsoids and sample groupings back into Leapfrog
- Use Driver constraints to guide implicit surfaces or Edge estimations

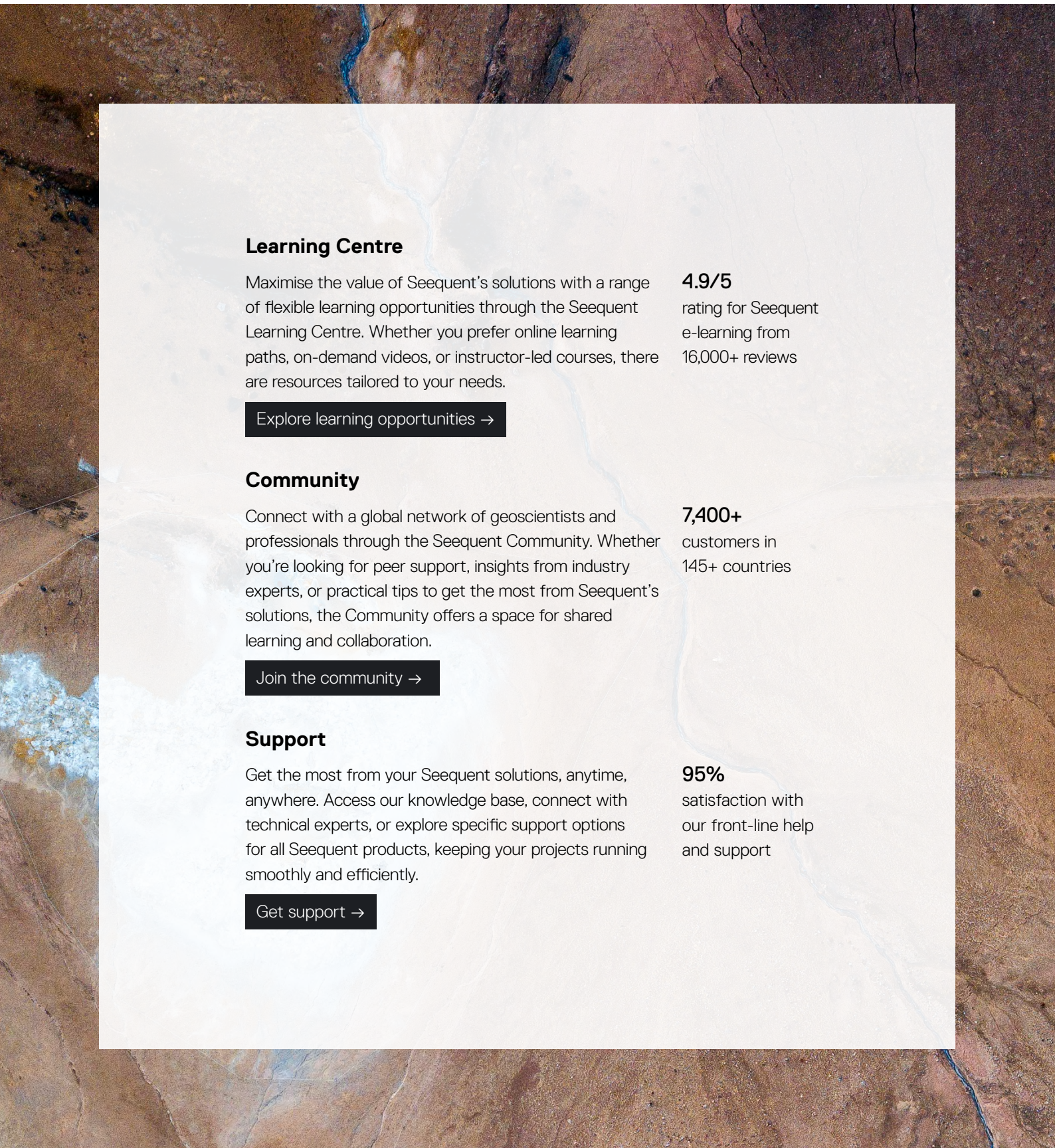
Transparent, editable workflow

Review and refine outputs with confidence scores and metadata

- Inspect results in Driver's 3D web UI
- Use smart classifications and metrics to filter and refine results in Leapfrog
- Adjust parameters and rerun analyses as new data becomes available

A world of support at your fingertips

Beyond the powerful features of Driver, Seequent offers comprehensive support and learning resources to help you get the most out of your investment.



Learning Centre

Maximise the value of Seequent's solutions with a range of flexible learning opportunities through the Seequent Learning Centre. Whether you prefer online learning paths, on-demand videos, or instructor-led courses, there are resources tailored to your needs.

Explore learning opportunities →

4.9/5
rating for Seequent e-learning from 16,000+ reviews

Community

Connect with a global network of geoscientists and professionals through the Seequent Community. Whether you're looking for peer support, insights from industry experts, or practical tips to get the most from Seequent's solutions, the Community offers a space for shared learning and collaboration.

Join the community →

7,400+
customers in 145+ countries

Support

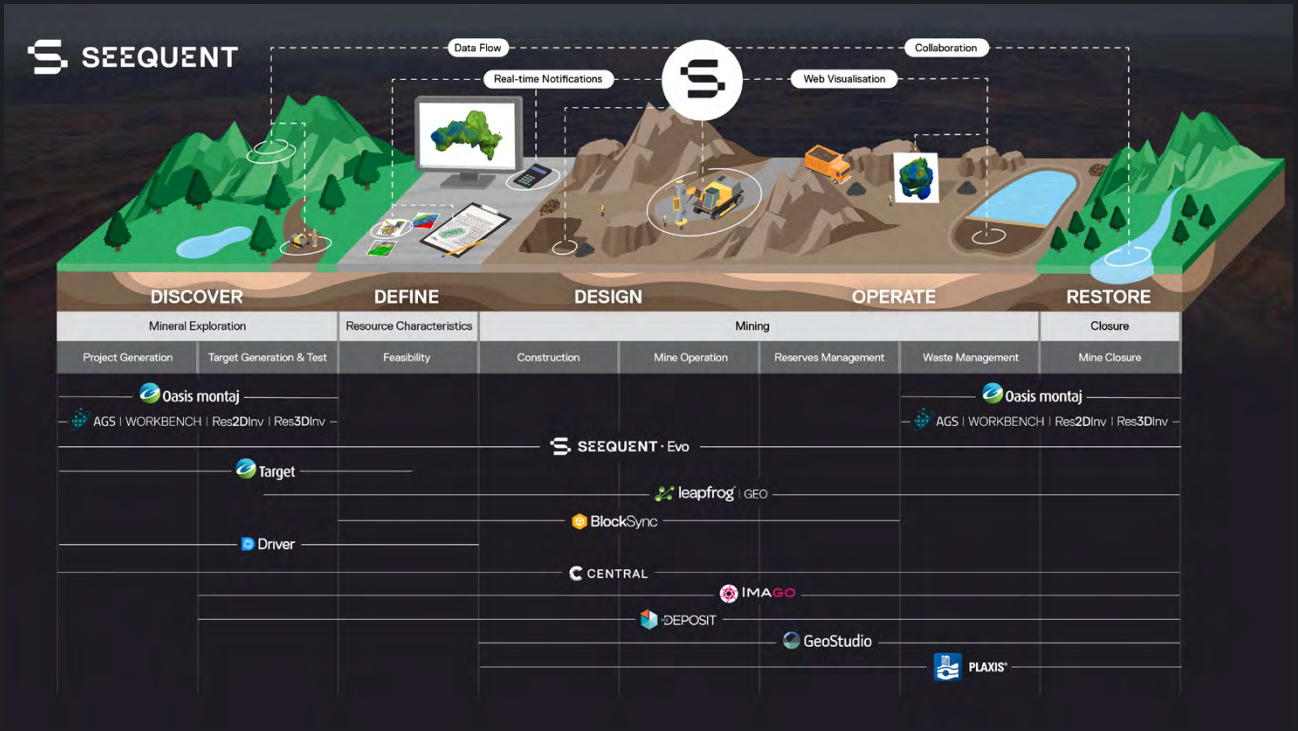
Get the most from your Seequent solutions, anytime, anywhere. Access our knowledge base, connect with technical experts, or explore specific support options for all Seequent products, keeping your projects running smoothly and efficiently.

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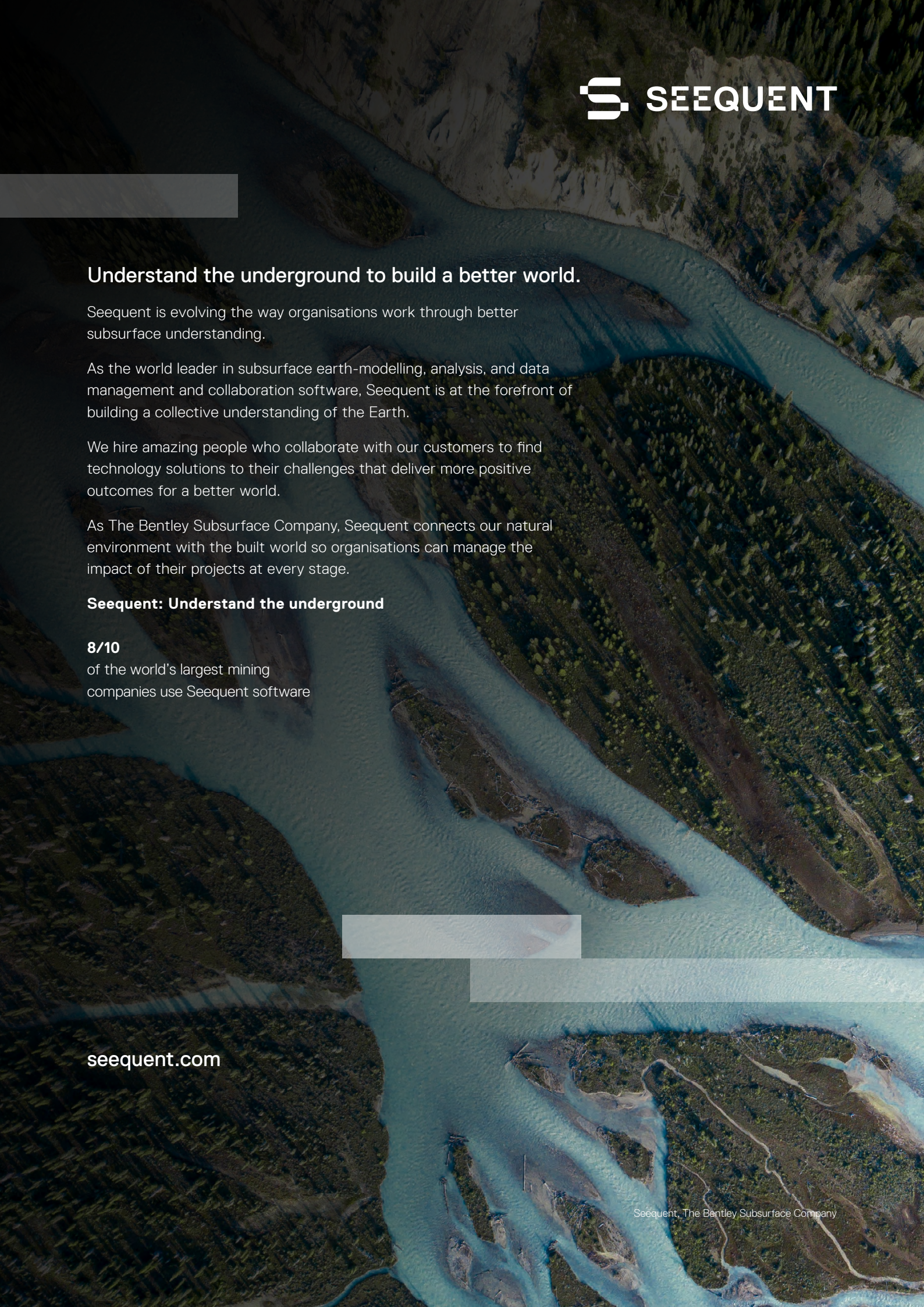
A rapid analysis workflow that accelerates geological understanding

Driver fits seamlessly into the Leapfrog modelling process, helping geologists rapidly interpret drilling data and extract deposit-scale insights before implicit modelling begins. By automatically mapping continuity and generating data-driven trends, Driver streamlines data analysis and model building, enhancing accuracy and supporting better decisions from exploration through resource estimation and beyond.



Experience Driver through Seequent Evo

Visit seequent.com/evo to schedule a personalised Evo walkthrough and see how Driver, BlockSync, and other native apps can be activated in your organisation.



SEEQUENT

Understand the underground to build a better world.

Seequent is evolving the way organisations work through better subsurface understanding.

As the world leader in subsurface earth-modelling, analysis, and data management and collaboration software, Seequent is at the forefront of building a collective understanding of the Earth.

We hire amazing people who collaborate with our customers to find technology solutions to their challenges that deliver more positive outcomes for a better world.

As The Bentley Subsurface Company, Seequent connects our natural environment with the built world so organisations can manage the impact of their projects at every stage.

Seequent: Understand the underground

8/10
of the world's largest mining companies use Seequent software

seequent.com

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