

## How SKUA Benefits You

Subsurface Knowledge Unified Approach (SKUA) is today's most advanced volume-based modeling method. E&P professionals deploy SKUA to better model geology for more reliable reservoir prediction - and to gain very real technical and business benefits.

### Work smarter

- Leverage a single, comprehensive, seismic-to-simulation workflow solution.
- Model any type of simple-to-complex fault system.
- Honor all available data and retain full subsurface complexity, without compromise.
- Allow both experts and beginners to produce fast, simple, accurate reservoir models.
- QC your interpretation in unique SKUA paleo-stratigraphic space.

### Work faster

- Complete reservoir models in days or weeks, not months or years.
- Use a single model for velocity modeling, structural analysis and restoration, fault seal, reservoir modeling and reservoir simulation; save time in prospect generation and seismic-to-simulation workflows.
- Deploy a cost-efficient, open and customizable modular SKUA solution that integrates all data types and works seamlessly with other software.
- Create a unique, detailed, stratigraphic model using all seismic signals with SKUA Global Interpretation.

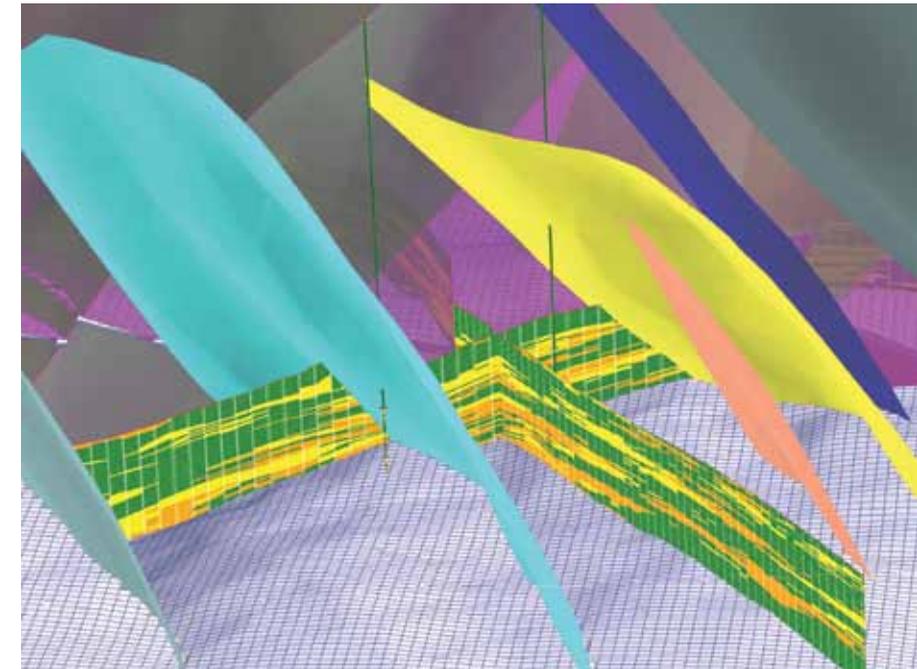
### Improve quality

- Enhance the speed and accuracy of prospect mapping and interpretation, giving you more confidence in prospective wells.
- Reduce risk by seamlessly incorporating uncertainty into data and interpretations.
- Create more realistic subsurface geology representations using our unique QC tools.
- Make better decisions, reduce uncertainty, and increase recovery.

## Compare the Feature/Functionality of SKUA vs. GOCAD

Feature/ Functionality	SKUA	GOCAD
Reservoir modeling time requirements	Days or weeks	Months or longer
Model reservoir types	All: Simple to complex	Limited
Geologic model quality	Higher accuracy and more detail for a truer representation of subsurface geology	Reduced ability to model complex faults, fractures and deeper reservoirs
Innovative applications	Global Interpretation, true 3D seismic paleo-flattening, enhanced fault seal analysis, fracture characterization, 3D restoration, flow simulation models, geomechanical mesh	Limited
Modeling technology	Mathematically rigorous UVT Transform® approach models true depositional state of subsurface	Limitations forced mutations of original geometry representation, not honoring real geology

## Upgrade GOCAD with SKUA



For more information, please visit our Website: [pdgm.com/SKUA-upgrade](http://pdgm.com/SKUA-upgrade), or email us at [info@pdgm.com](mailto:info@pdgm.com).

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Deeper Insight into the Subsurface

[pdgm.com/SKUA-upgrade](http://pdgm.com/SKUA-upgrade)

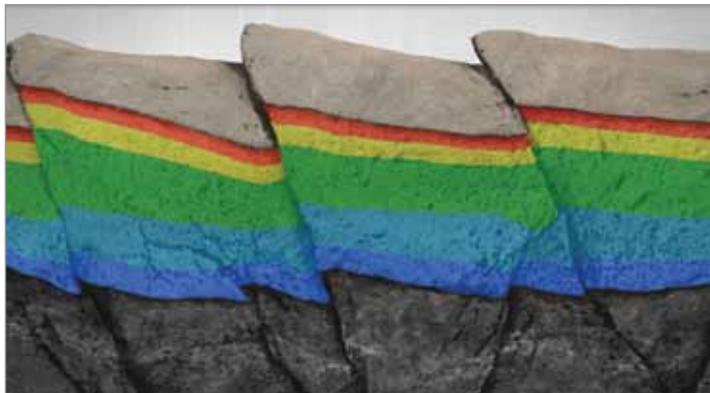
## You shouldn't have to sacrifice years of acquired knowledge to adopt new technology.

No more worrying about losing current work. No more tedious workflow re-creation. You can now run all your GOCAD® workflows in SKUA®, without modification.

Take your GOCAD expertise to a higher level of effectiveness. By upgrading to SKUA, you add new techniques to what you already know in GOCAD.

No extra hidden steps. No work disruption. One shared workspace for both GOCAD and SKUA workflows.

It's that simple.



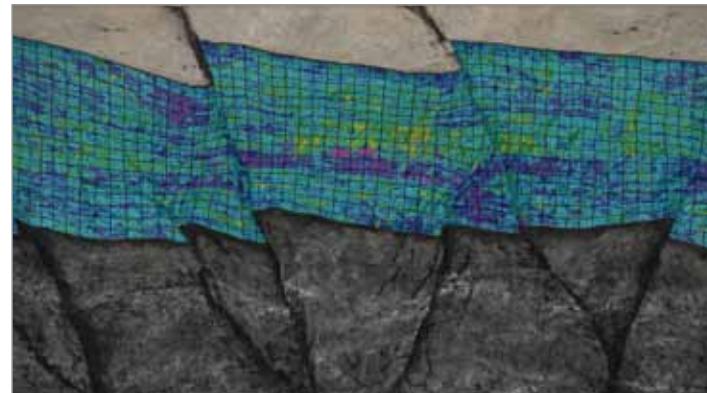
*SKUA honors all structural information, even in the most complex environments*

## You shouldn't have to model one surface at a time when you can model the entire subsurface volume.

The unique SKUA 3D volume modeling approach automates all fault network and stratigraphic horizon construction. All faults at once. All horizons at once. No, that's not a misprint!

SKUA 3D volume modeling adds innovative features to your workflows, such as 3D global interpretation, 3D seismic flattening, fault seal analysis and fracture and stress analysis. It makes your 3D restoration workflow easier, and creates reservoir grids of superb quality for better flow simulation.

We've worked hard to design workflows that are easier and more efficient to use. With SKUA you save time by completing reservoir models in days or weeks instead of months or years.



*SKUA ensures a more accurate understanding of reservoir properties*

## You shouldn't have to change the geology to fit the software. Change the software to fit the geology.

SKUA uses a radically different volume-based 3D modeling approach that removes all limitations and deformations caused by conventional methods. Learn more about SKUA innovation.

SKUA simulates the geologic history of your reservoir, resulting in a profound understanding of the subsurface and its properties.

SKUA's unique technology uses all available data and honors basic geologic rules to build more accurate, simple-to-complex subsurface models. Any fault structure. Any stratigraphic system. Nothing is too complicated!

- ▶ Get more accurate production forecasts.
- ▶ Preserve the real geology in flow simulation.
- ▶ Make more confident drilling decisions.