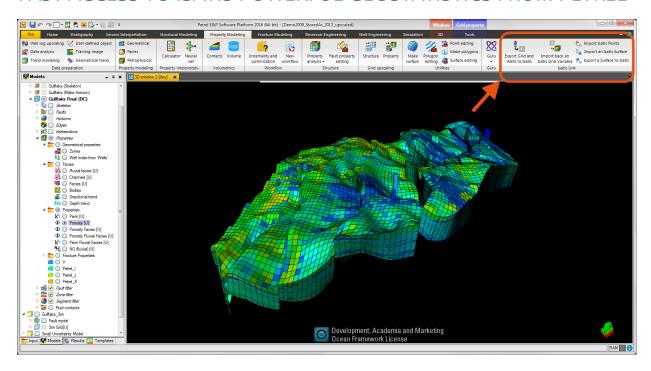
## isatis

## PETREL-ISATIS LINK

## FAST ACCESS TO ISATIS POWERFUL GEOSTATISTICS FROM PETREL



The **Petrel-Isatis link** is a plug-in extension in Petrel<sup>™</sup> software (Schlumberger) which enables seamless data exchange between Petrel<sup>™</sup> and Isatis.

The link, fully integrated in Petrel<sup> $\mathbb{T}$ </sup>, is fast and simple to use. It allows the export of Petrel<sup> $\mathbb{T}$ </sup> data to Isatis or the loading of Isatis data into Petrel<sup> $\mathbb{T}$ </sup> in just a few clicks, saving considerable time in data manipulation.

The **Petrel-Isatis link** proves to be essential to the Petrel<sup>™</sup> user who wishes to fully benefit from **Isatis powerful geostatistics** for:

- Accurate data analysis and quality control with Isatis one-of-akind Exploratory Data Analysis tool.
- Structural modeling and uncertainty assessment guided by seismic.
- Facies modeling using simple or advanced stochastic simulations (including the plurigaussian or the multiple-point geostatistics) to model complex geology.
- Petrophysical modeling and uncertainty assessment guided by the seismic and the geology.
- Uncertainty quantification: Isatis provides a unique range of stochastic simulation algorithms and post-processing tools to compute risk curves, P10-P50-P90 scenarios, as well as probability and quantile maps on volumes.
- Building geostatistical workflows using Isatis powerful batch procedures to easily set up production workflows and automate their execution.

It has been designed using the Schlumberger **Ocean** development framework and Geovariances **GTXserver** development kit.

## **SPECIFICATIONS**

- Import Isatis Point variables as new Petrel™ PointSets.
- Import Isatis Surface variables as new Petrel™ surfaces.
- Import Isatis Grid variables to an existing Petrel™ pillar grid.
- Export Petrel™ Pillar Grids as new Isatis Grid Files.
- Export Petrel™ Surfaces to Isatis with their properties.
- Export Petrel™ Boreholes as Isatis Lines Files with their attached properties (Logs and Facies).
- Export Petrel™ Upscaled Logs as Isatis Pseudo Vertical Wells
- Export Well Makers to Isatis Points Files.
- Use with **Petrel™** 2016, 2017 and 2018 (64bits).
- Can be used either interactively or in a workflow.

