

PROVIDER OF

Apps for Process Simulation

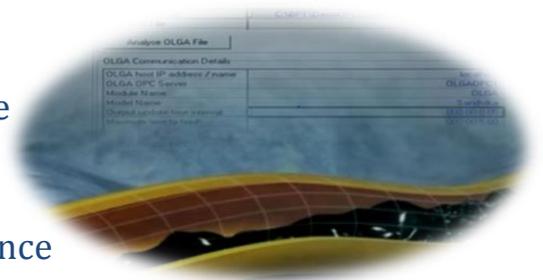
BPT software tools enhance the capabilities of your process simulation tools to improve your engineers efficiency and accuracy

[VIEW OUR SOFTWARE](#)

BPT-OLX[®]

Make OLGA[®] multiphase simulator part of your interactive transient process simulator

- Connects process simulators to wells, production, injection and export pipelines
- Improves fidelity of dynamic process model boundaries
- Optimise plant inlet arrangement to maximize production within the plant safety levels and flare capacity
- Reuse flow assurance OLGA models and enhance collaboration across disciplines
- Evaluate pigging operations including topside equipment design and control structures
- Test and verify slug control system and strategies
- Enable realistic operator training systems



The bottom line

Optimise designs, operations and prepare tie-ins with minimum modifications.

BPT OLX[®] assists realistic and cost effective production chain decisions.

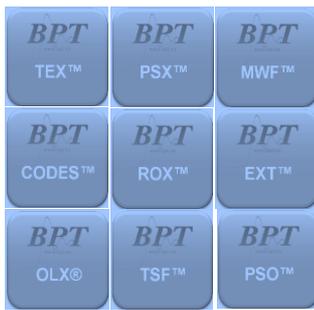
BPT was founded 1998 in Norway. We develop and provide Apps for Process Simulation™. We deliver independent and trusted third-party specialist consultancy services to the upstream oil & gas industry, combining experience with leading edge simulation tools using our Apps.

For additional information please contact us at
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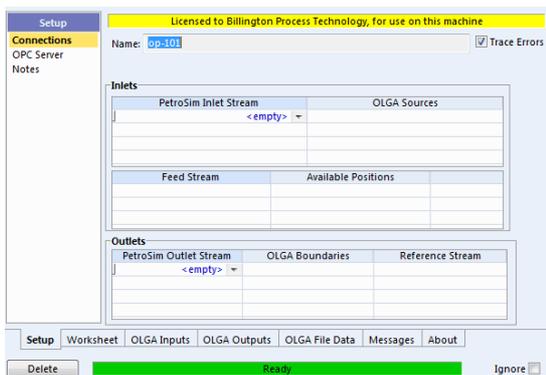




What is BPT-OLX®?

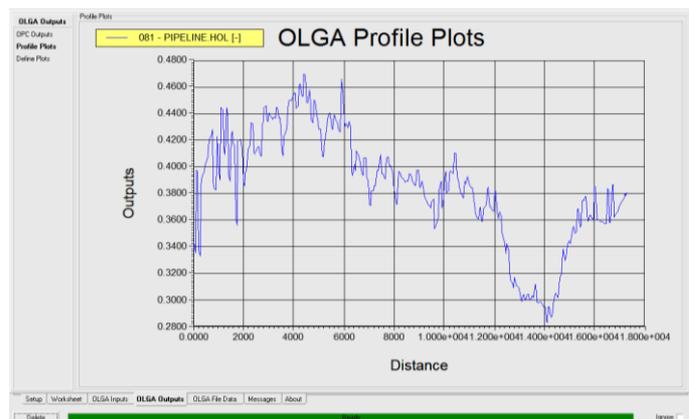
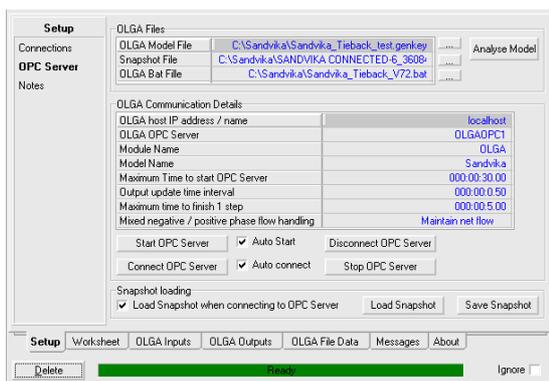
BPT-OLX® is available as an extension linking the multiphase simulation software OLGA® (v7.2 and onwards) from Schlumberger Information Solutions (SIS) and industry leading process simulation software.

The App is easy to use and quick to implement in your process simulation.



Virtually all OLGA® inputs and outputs can be published to the OPC server. This allows full control of what happens inside the OLGA® model from the simulator. It also allows trending of any variable and plotting profiles.

The App automatically initiates snapshots to ensure that the simulator and OLGA® are in consistent states after reloading a model. In this way, various scenarios can be run starting from the identical initial conditions and can easily be compared.



The App features multiple measures to ensure stable operation.

- Exchange of derivatives to ensure robust operation under brutal transients
- Multiple options for cases under near zero flow conditions
- Checking of pressure limits to prevent OLGA® from crashing
- Continuous updating of compositions to avoid phase flow inconsistency

References
Statoil

Åsgard A & B, Skuld, Eirin, Valemon, Tyrihans,
Grane, Gullfaks, Huldra, Visund Sør

Total E&P Norge
BP
ENI
Teekay Petrojarl
Enquest

Martin Linge
Ula
Goliat
Knarr
Knightbridge



Apps for Process Simulation™