

PROVIDER OF

Apps for Process Simulation

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

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BPT-LLX™

Make LedaFlow® multiphase simulator part of your transient UniSim Design® model

- 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 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 LLX® 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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<http://www.bpt.no>

Registration and postal address:

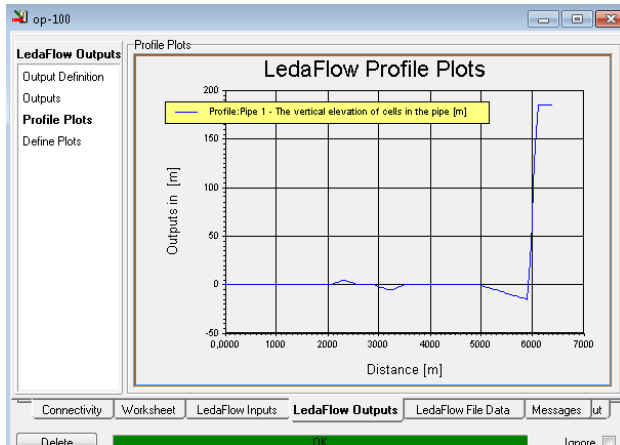
Billington Process Technology A/S
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What is BPT-LLX®?

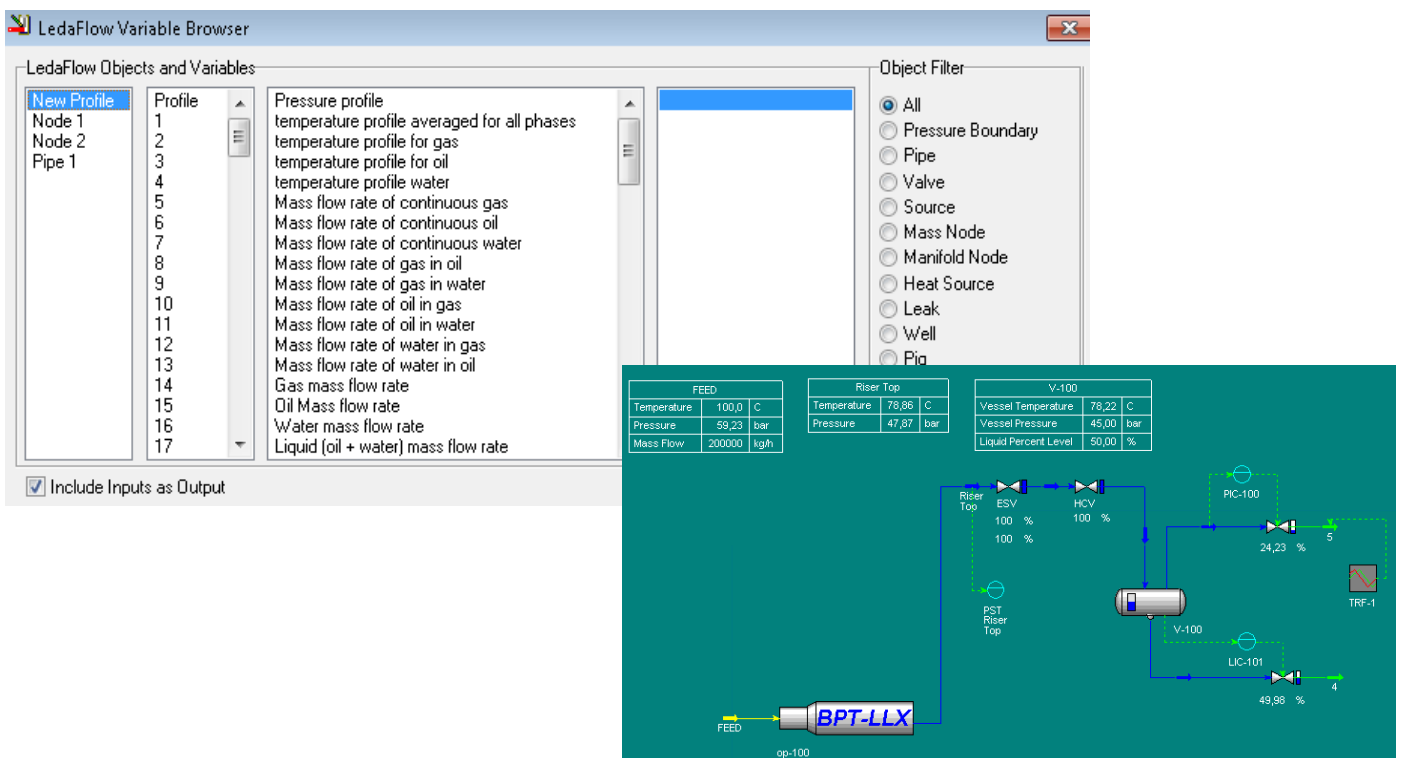
BPT-LLX® is available as an extension linking the multiphase simulation software LedaFlow® (v2 and onwards) from Kongsberg Digital to UniSim Design from Honeywell Process Solutions.

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



Virtually all LLX® inputs and outputs are available through browsing the LedaFlow model. This allows full control of what happens inside the LedaFlow® model from the simulator GUI. It also allows trending of any variable and plotting profiles.

The App automatically initiates snapshots to ensure that the simulator and LLX® 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
- Continuous updating of compositions to avoid phase flow inconsistency



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