

## **Simulis® Thermodynamics: Mixture Properties and Fluid Phase Equilibria Calculations Server**

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Interoperability, integration, reusability. Simulis® Thermodynamics allows anyone in industry, engineering or research to run high quality thermophysical properties calculations. These calculations can be plugged in any software of wider application range (equipment sizing, system modeling, etc.) and properties are available for any kind of fluid. Simulis® Thermodynamics makes open simulation a practical reality. Simulis® Thermodynamics is a calculation server for thermophysical properties and phase equilibria calculations on pure components and mixtures. It is available as a Microsoft Excel® add-in, a toolbox in MATLAB® or as a software component which can be easily plugged in any other application requiring reliable and accurate thermophysical properties. Main features of Simulis® Thermodynamics:

- Reliable and accurate thermophysical properties
- Extensive set of services (flash, data regression, phase envelopes, etc.)
- Comprehensive pure component and binary interaction parameters databases
- Easy plug in common applications (Microsoft Excel®, MATLAB®, etc.)
- Flexible and CAPE-OPEN compliant solution

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