

# Honeywell

## UniSim Design™ CAPE-OPEN Compliance

CO-LaN Annual General Meeting  
Cannes, France  
March 8-10, 2006

Presented By:  
Ensheng Zhao & Murugesh Palanisamy  
Honeywell Inc.

**Honeywell**

Demonstration of UniSim Design UnitOp CAPE-OPEN Socket 1.0 with gPROMS CO Unit Operation

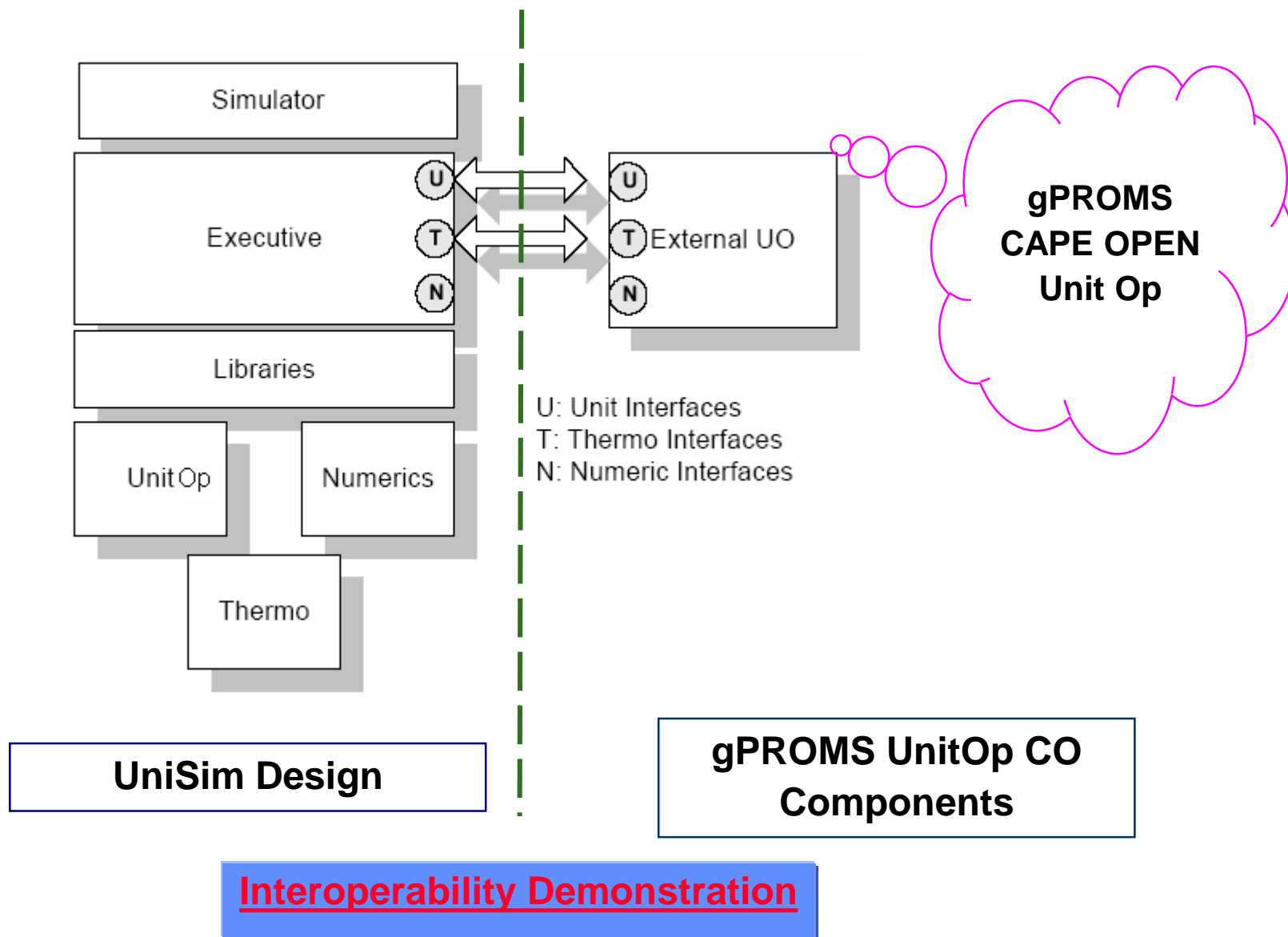
Demonstration of UniSim Design UnitOp CAPE-OPEN Socket 1.0 with HTRI CO Unit Operation

Demonstration of UniSim Design Thermo CAPE-OPEN Socket 1.0 with InfoChem Multiflash CO thermodynamic property package

Future Plan for CAPE-OPEN Compliance

# UniSim Design UnitOp CAPE-OPEN Socket 1.0

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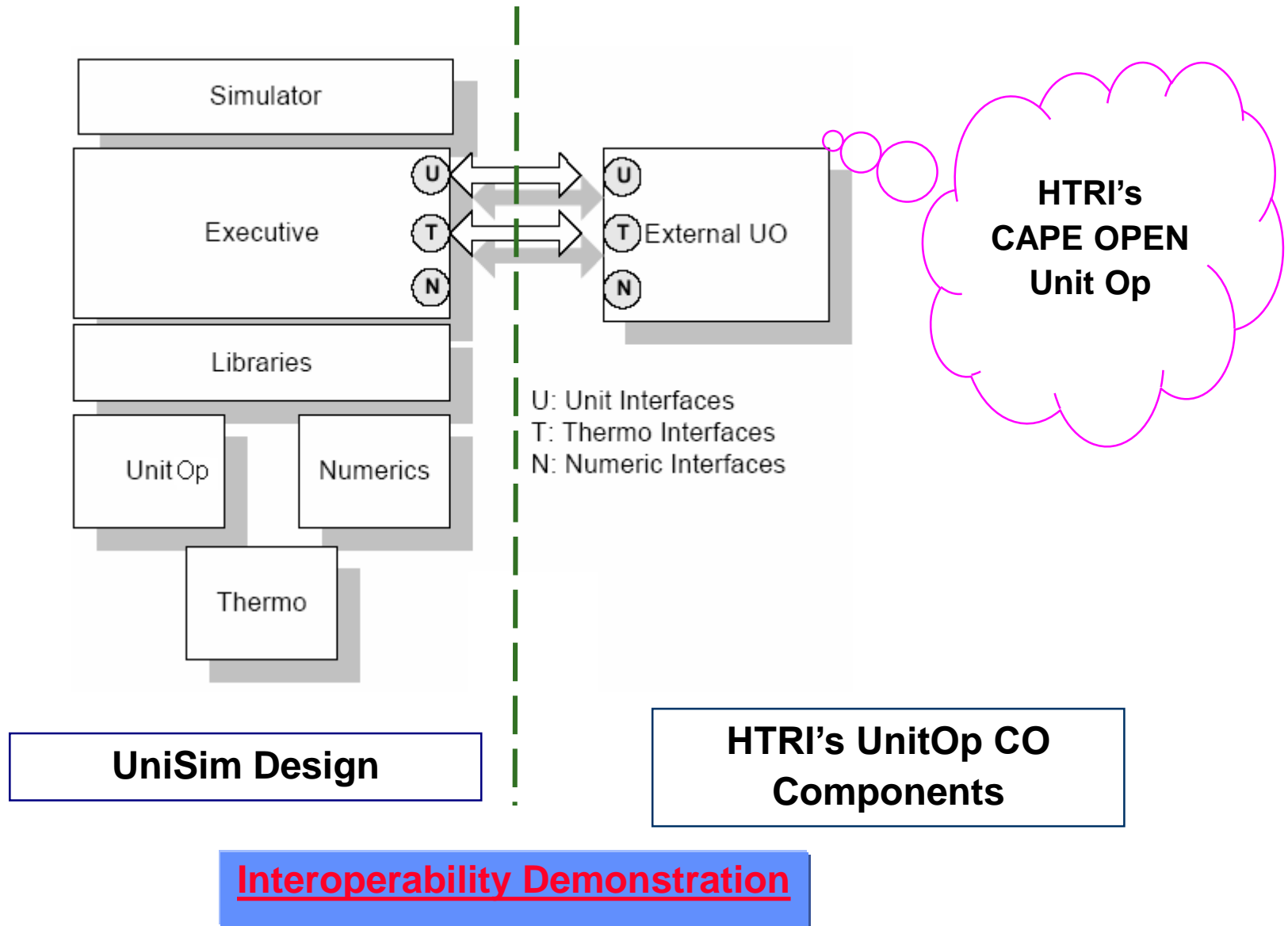
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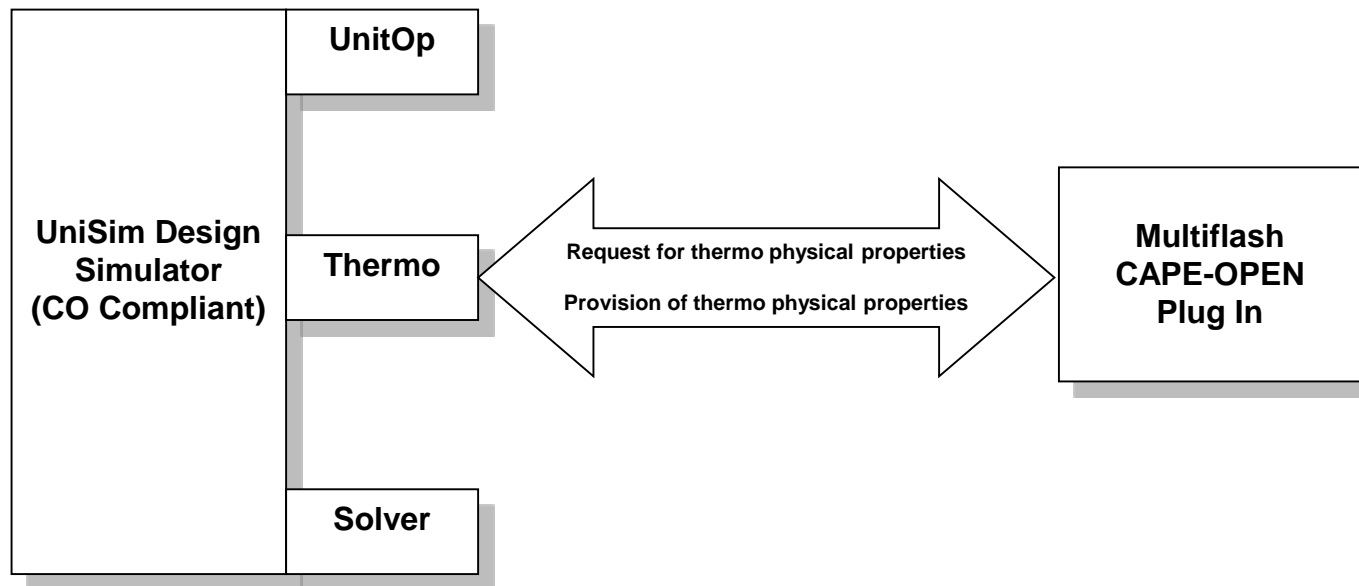
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# UniSim Design Thermo CAPE-OPEN Socket 1.0

UniSim Design Thermo CAPE-OPEN Socket 1.0 is based on CAPE-OPEN standard interface version 1.0



**Interoperability Demonstration**

Demonstration of UniSim Design UnitOp CAPE-OPEN Socket 1.0 with gPROMS CO Unit Operation

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# Future Plans for CAPE-OPEN Compliance

## Short Term

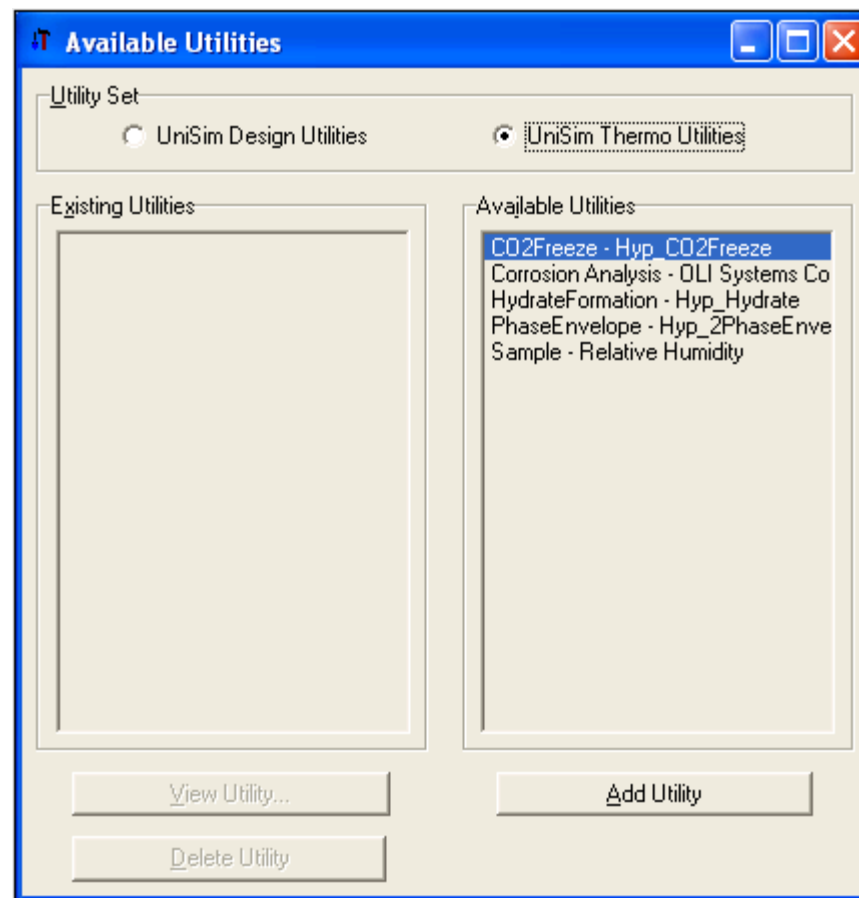
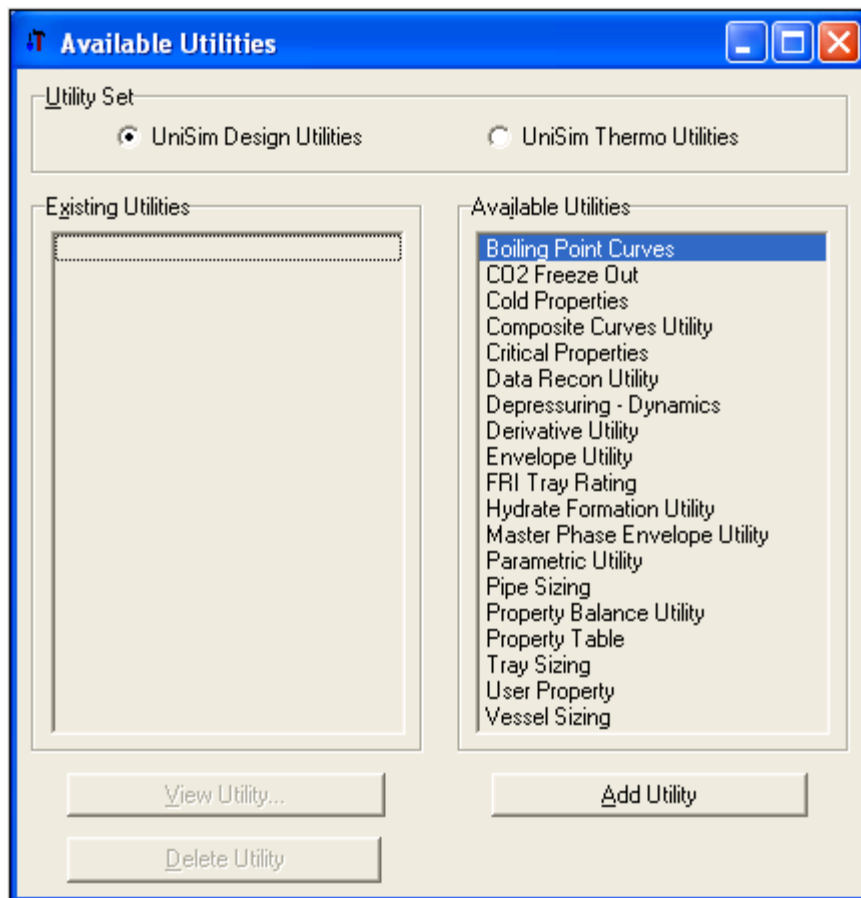
- **Completion of CAPE-OPEN Thermo Interface Version 1.1**
- **Actively involve with Refinery Reactors SIG activities**

## Mid Term

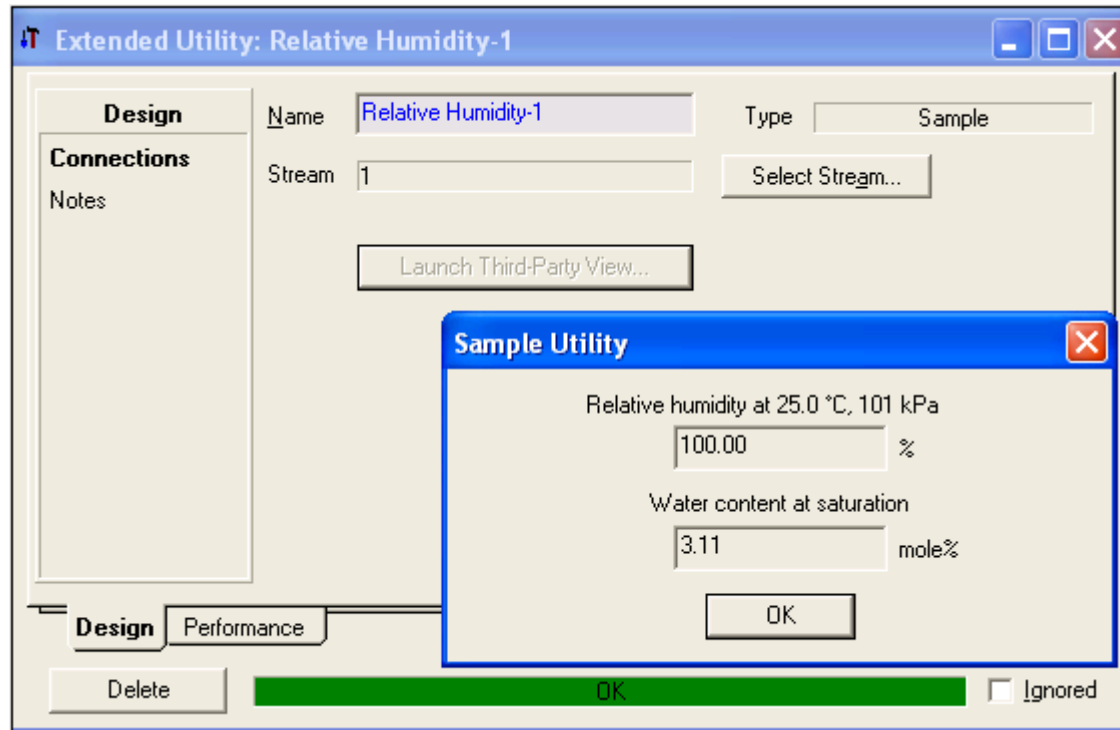
- **CAPE-OPEN layer to plug in dynamic unit operations object into UniSim Design**

## Suggestions

- **Developing CAPE-OPEN interface standard for plugging thermodynamic utilities into flow sheeting simulators**
- **Honeywell is willing to lead the SIG**



# Extended Utility : Sample



**Questions ?**

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[www.honeywell.com](http://www.honeywell.com)

