

# Interoperability tests

Vendors session  
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Ray Dickinson  
CO-LaN President



# Background

- ◆ **End user feedback has been that CAPE-OPEN does not always work as it should...**
  - ⇒ **ABB: I have been disappointed at the performance of CAPE-OPEN with both PME#1 and PME#2. The examples we have tried to date have either failed miserably (PME#1) or taken far, far too long (PME#2) to be a realistic alternative to current methods of working.**
  - ⇒ **Other issues reported directly or indirectly by MCC, DOW, etc...**

# Background

- ◆ **Testing Experience:**
- ◆ **3rd party PMCs and PME**
  - ⇒ **Difficult to obtain / use by other commercial parties**
  - ⇒ **Consequently integrated tests difficult to perform by software vendors**
- ◆ **Licenses from most PMEs and PMCs implementing CAPE-OPEN are available to CO-LaN (thank you!)**

# Available PME and PMC

<b>PME</b>	<b>Unit PMC</b>	<b>Thermo PMC</b>
Aspen Plus	Xchanger Suite (HTRI)	MultiFlash
Aspen HYSYS	ChemSep	PPDS
PRO/II	AixCAPE ShortCut Toolbox	Aspen Properties
gPROMS	APECS (Fluent)	COM Thermo
UniSim Design	COUSCOUS UOs	UniSim Thermo
SolidSim	IFP/TOTAL PIPE	SIMULIS Thermodynamics
ChemCad	HYP/PFR	GERG (Bochum)
INDISS	gO:CAPE-OPEN UOs	CPA Property Package
COFE (COCO)		TEA (COCO)
ProSim Plus		VMGThermo
VALI		Cosmotherm
MFP2T (US EPA)		
SIMULIS Thermodynamics		

# Interoperability tests

## ◆ Major CO-LaN effort

- ⇒ CO-LaN has already contracted 700 man-hours for the first half of 2008 for these tests
- ⇒ 75 combinations already tested
  - 130 tests performed
  - Several scenarios and software versions
- ⇒ 60 reports issued

## ◆ Many of you have been informed of tests results

- ⇒ Is this action positive for your business?
- ⇒ What should be done in the future?
- ⇒ What should Compliance mean in practice?
- ⇒ What would let you implement interfaces in half the time?

