Product Development Update

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OLI Systems, Inc.

Making a difference with electrolyte chemistry simulation
OLI Studio

- OLI Name standardization
  - OLI Studio will now be used starting with version 9.2.1
- Initial implementation of autoclave calculation
  - Still considered as a feature under development
- Plot template manager
  - Hover mouse over template names to see live preview
- PIPESIM PVT file generation support
- Copy/Paste improvements
- Surveys can be now be canceled without losing data
- Ionic strength now available in molality and mole fraction
- ScaleChem improvements
OLI Engine: Developer Edition

• New simplified API
  • Compatible with Visual Basic for Applications (VBA) allowing access from within Excel. Includes a working example in Excel.

• Units — works in native units only
  • Conversion is left to the caller

• Equilibrium calculation support
  • Isothermal, bubble point, dew point, vapor amount, vapor fraction, Composition point. Set pH & Isenthalpic
  • Corrosion rates calculation support planned.

• Uses prebuilt models (dbs file)
  • Models can be generated with
    • OLI Studio
    • OLI Chemistry Wizard
    • ESP
OLI Alliance Software

- Unified installs
  - Planned for Aspen Plus, HYSYS, UniSim, PRO/II
  - Ex: Aspen Plus
    - Currently individual installs for V7.3.2 V8.0 V8.2 V8.4 V8.6
    - New single install supports all versions starting with V7.3.2
  - Configuration tool used to link OLI Engine with each Version
- Ability to update core to enable new versions released.
OLI Flowsheet: ESP

- Updated modern user interface for ESP
- Release planned for 2015
- Currently beta targeted for first half of 2015.
General Updates

• Check for updates now available via about dialog for all products.

• When using a network license, a logged in user list will be available to clients in about dialog if the option is enabled on the license server.
Development Plans

• OLI Flowsheet: ESP

• Unified databanks
  • Single file per databank
  • Coincide with release of OLI Flowsheet: ESP

• OLI Studio
  • Mixer redesign — Ability to make changes to chemistry model settings ex: databanks/redox ...
  • Unified databank