



Field Report

Using CAPE-OPEN to couple HTRI's Xchanger Suite with Linde's General Multiphase Property System

Stefan Gewald / Andreas Grenner
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Agenda

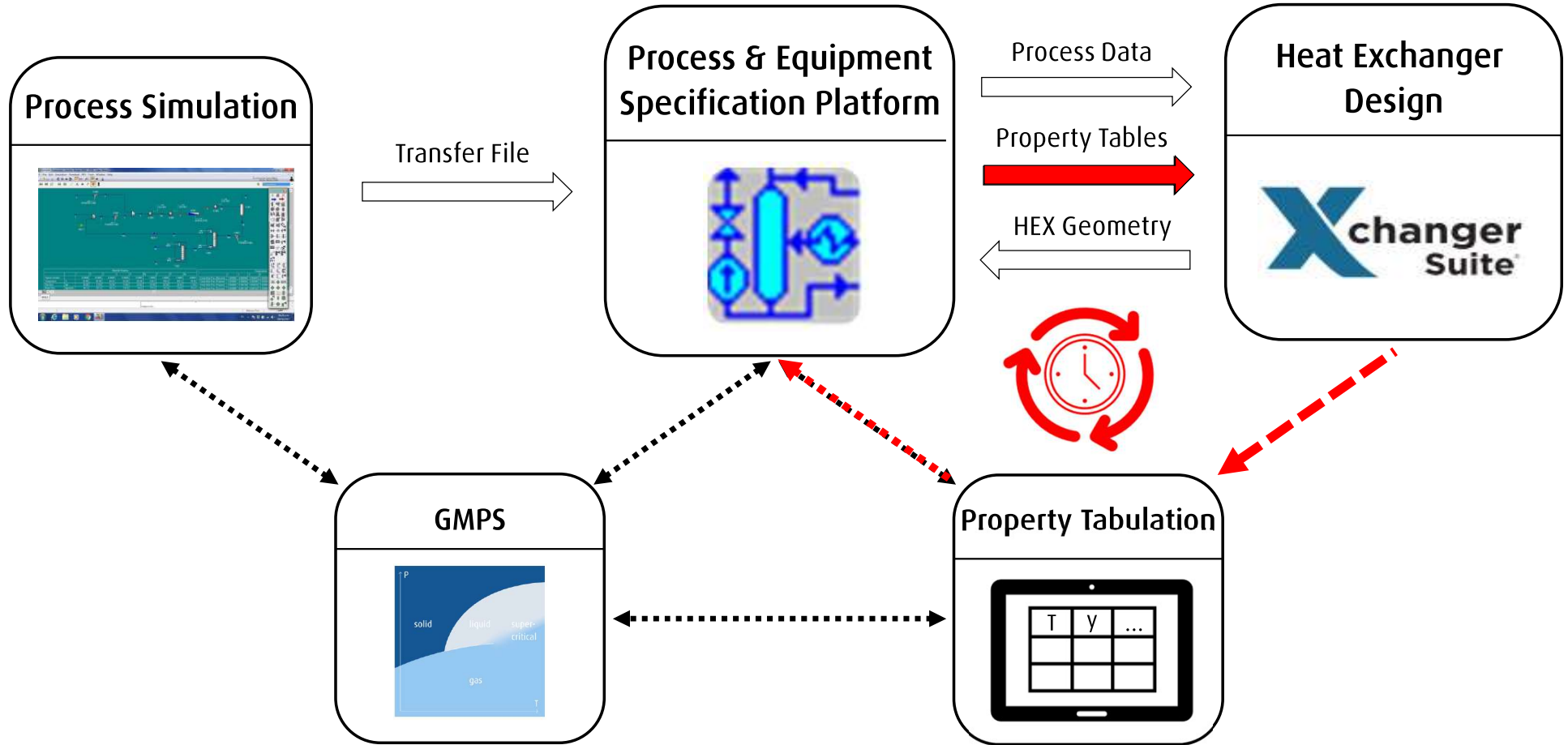


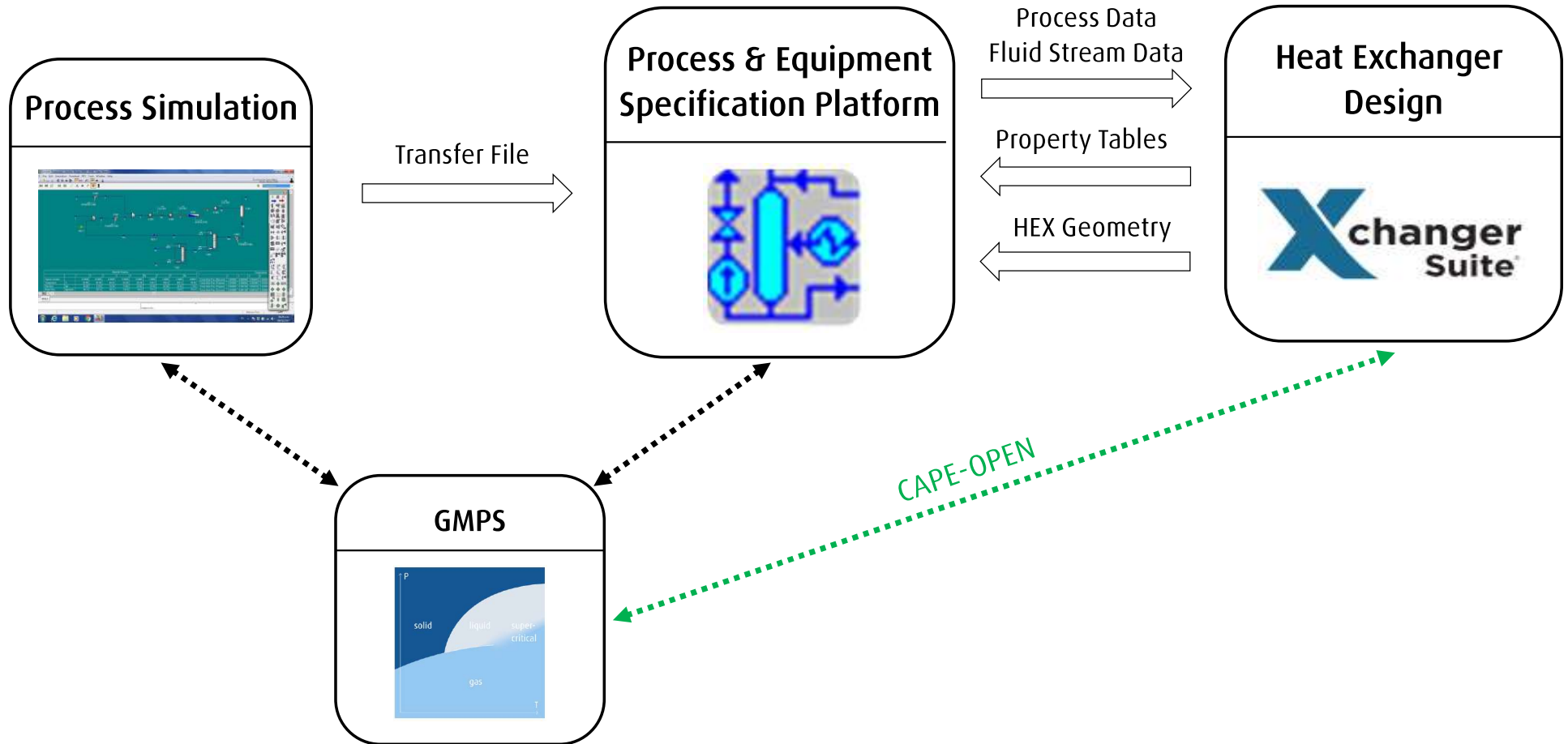
Background and Motivation

Workflow Integration

Review

Background and Motivation







- 👍 More efficient design workflow
- 👍 Special design calculations (e.g. differential flash)
- 👍 Customized generation of physical properties
- 👍 Simple comparison of different design options
- 👍 Quick evaluation of other operating conditions/upset cases
- 👍 Heat Exchanger design without Proc. & Equ. Spec. platform

- 👉 Only pseudo critical constants
- 👉 Setting up of property generator by using HTRI API



The Linde logo is positioned in the top right corner of the slide. It features a blue rectangular background with a white wavy line above the word "Linde" written in a white, elegant script font.

Linde

The background of the slide is a photograph of a welder working inside a large, circular metal pipe. The welder is wearing a white protective suit, blue gloves, and a black welding mask. They are crouching and focused on their work, with a bright light emanating from the welding point. The pipe's interior is visible, showing its curved walls and a bright opening at the far end.

Thank you for your attention

Linde GmbH – Linde Engineering
Stefan Gewalt / Andreas Grenner
Tel +49 89 7445 3538
stefan.gewald@linde.com
www.linde.com