Streamlining product development using best practice simulation processes in a collaborative environment.
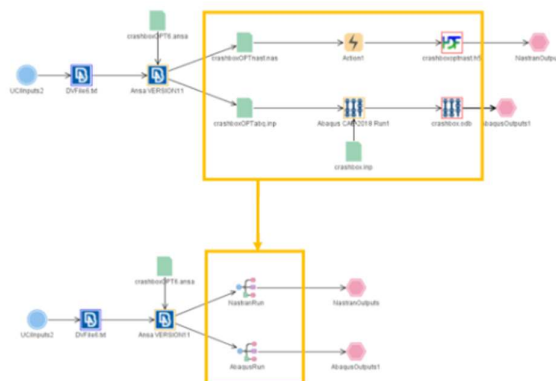
Leuven (Belgium), October 26, 2020 – Noesis Solutions NV, a developer of software solutions for PIDO (process integration and design optimization) proudly announces the availability of Optimus 2020.2. The latest release comes up with major enhancements in process integration functionalities to support the capitalization of best practices within simulation departments. Furthermore, a new adaptive model type is introduced which supports the fusion of large data sets with different fidelity to minimize cost of simulation execution.

In addition, Noesis Solutions is enthusiastic to announce id8, a next generation engineering collaboration platform and a hub of applications to deploy the powerful capabilities of best practice simulation-based engineering and decision making within teams.

Optimus: Build and share best practice simulation processes

Noesis introduces the Optimus SubGraph, which goes far beyond a new graph component. Above all, it streamlines how users interact with Optimus' powerful process integration capabilities. The Optimus SubGraph becomes the core element for Optimus users to create and share validated best practices with team members. Optimus 2020.2 technology empowers users to create simulation workflow libraries and efficiently organize their product development processes.

A next step for Noesis data fusion modeling

Noesis multi-fidelity models allow the fusion of data of different sizes, sources, and fidelity into a single high-performance response surface model. This feature allows users to create better models with fewer simulation resources to save costs and time.
Optimus 2020.2 introduces an adaptive multi-fidelity model type. Its unique adaptive architecture allows the technology to adapt to any size of available datasets to maximize model accuracy and performance.

id8: The next generation engineering collaboration platform

Noesis Solutions is extending its product portfolio with a next-generation software tool, designed to democratize the powerful capabilities of best practice simulation-based engineering to everyone. id8 is a server-based collaboration platform that hosts engineering applications which have one thing in common – the user guidance. The id8 2020.2 release brings two new applications, id8 Execution and id8 Analytics.

id8 Execution aims to *scale simulation best practices*. It enables *the* deployment of verified expert engineering practices within the engineering teams to speed up the product development process and increase the ROI of the company's hardware and software investments. Furthermore, id8 Execution enables companies to make the powerful technology of process integration, design of experiments, response surface modeling and optimization available for everyone.

id8 Analytics *unleashes the power of your engineering data*. This application lets data scientists and engineers get the most out of all available engineering data. Whether data are locally available in spreadsheets, have been generated by a 3rd party platform or are stored in a central database, id8 will work with it and deliver unrivaled insights.

About Noesis Solutions

Noesis Solutions is an engineering innovation partner to manufacturers in engineering-intense industries. Specialized in solutions that enable **Objectives Driven Draft-to-Craft Engineering** processes, Noesis Solutions' software products and services help customers adopt a targeted development strategy that resolves their toughest multi-disciplinary engineering challenges.

Noesis Solutions is a majority-owned subsidiary of Cybernet Systems, a leading provider of multi-domain CAE solutions covering a vast range of engineering problems. For more information, please visit www.noesissolutions.com.

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