Learn from existing data and shorten the time-to-market for your products

Leuven (Belgium), May 5, 2022 – Noesis Solutions NV, a developer of software solutions for PIDO (process integration and design optimization) proudly announces the availability of Optimus 2022.1. The latest release comes up with significant features that maximize the reuse of knowledge from simulation data and enhances further the process integration capabilities.

Reuse existing simulation data to leverage knowledge for future products

Intelligent simulation and analysis methodologies allow companies to develop products faster and drop the cost – and the time-to-market. Optimus provides all the tools to engineers and designers to capture complex engineering flows into Optimus processes that can be automated. Beyond that, the use of smart and AI-based algorithms enables them to reveal the potential and overcome the limitations of every engineering problem.

Even though the hardware cost significantly drops the last years, the time to perform complex analysis can stay high. Optimus 2022.1 introduces a powerful technology that automatically learns and reuses the existing data and only performs the simulations that are strictly necessary to complete a design exploration or design optimization.

The automated simulation processes need to be robust and guarantee the maximum quality, but they evolve with time and with the requirements' updates. Optimus 2022.1 helps the user to optimally reuse the existing data and make the right decisions in the shortest time ever.

Interface to CAD/CAE tools

Optimus continues to reach out to a growing engineering community through its extensive set of engineering software interfaces. With a portfolio of more than 45 interfaces to leading CAD/CAE solutions, Optimus frees design engineers from repetitive manual model changes and data processing during the execution of virtual experiments – tremendously saving time.

The Optimus 2022.1 release supports the latest version of JMAG (21.0) and it introduces the support of the JMAG efficiency map studies.

Additionally, Optimus 2022.1 introduces an interface to Grasshoper, a Rhinoceros 3D plugin that enables users to design and edit complex shapes through certain parameters.

For all other new features please refer to the release notes included in the Noesis download centre.

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.

Noesis Solutions Press Contact:
Kirsten Cabergs
Phone +32 16 31 70 41
kirsten.cabergs@noesissolutions.com

Noesis Solutions NV
Gaston Geenslaan 11, B4
3001 Leuven - Belgium
Phone +32 16 31 70 40
www.noesissolutions.com