

# New release confirms Optimus as the leading open platform for Design Space Exploration & Optimization

## PRESS RELEASE

**Leuven (Belgium), October 8 2019 – Noesis Solutions announces the availability of Optimus 2019.2. This new release of its flagship product focuses on performance improvements for Optimus' unique Adaptive DOE algorithm and its 1-click optimizer NAVIRUN. In addition, Optimus 2019.2 provides new capabilities to plug custom plots into Optimus' powerful post-processing framework and supports power simulation licensing for JMAG Designer.**

### **Enhancing Design Space Exploration and Optimization capabilities**

Optimus 2019.2 brings several improvements to Optimus' unique Adaptive DOE algorithm that learns from available data points and iteratively adds extra data samples in design space regions that matter most. This new Optimus release further extends the capabilities of the NAVIRUN 1-click optimizer, using a new strategy based on Optimus' unmatched surrogate modeling capabilities.

### **Introducing user-defined plots**

While Optimus offers a full set of post-processing plots to visualize results delivered by any of its methods or models, this new 2019.2 release further extends Optimus' post-processing framework. Engineers can now run their post-processing scripts developed in Python, R or another programming language, and plot the results directly inside Optimus.

This new customization capability once again confirms Noesis Solutions' commitment to provide customers with solutions built on an open architecture, enabling them to protect the investments they have made in legacy codes and models.

### **Reducing license costs for multi-case electromagnetics simulations**

Optimus' enhanced interface for JMAG Designer now enables users to benefit from JMAG's Power Simulation License (PSL) when running a Design Space Exploration or an Optimization campaign. The PSL license system has been implemented by JSOL, the developer of JMAG Designer, to facilitate multi-case simulations that cover combinations of numerous design parameters and ranges. Thanks to the new integration with JMAG's PSL, Optimus users can now benefit from shorter simulation times when concurrently processing multiple cases while consuming just a single JMAG license.

## About Noesis Solutions

Noesis Solutions is an engineering innovation partner to manufacturers in engineering-intensive 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.noesisolutions.com](http://www.noesisolutions.com).

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