

## PRESS RELEASE

### Safran rolls out software to optimize complex system design

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**Safran Engineering Services announces the release to market of “XATIS”, its complex system design optimization software. The software is tailored to assist systems architects in reducing the number of product development cycles, thanks to Model-Based System Engineering (MBSE).**

XATIS is a software tool for modeling complex integrated systems, from the requirements gathering phase, through the specification stage and right up to the preliminary design. It is based on the CESAM modeling methodology, the aim of which is to manage complexity through graphic representations of the system from multiple complementary perspectives, in order to expand upon its conventional textual description.

XATIS is used for developing various architectures, comparing them and selecting the best one, taking into account the constraints of production engineering, operations, maintenance and decommissioning of the system. The ground-breaking aspect of the software is that it permits a collaborative architecture; that is to say, it is based on the active contribution and co-ordination of all of the teams involved in the design of the new product. Moreover, XATIS improves the monitoring of traceability links between the customer requirements and the technical solutions offered, thus providing greater knowledge of the impact analyses, should there be a change in requirements.

*“XATIS is a tool designed by architects for architects! This is why we wanted it to be particularly intuitive, with a remarkably ergonomic interface and highly efficient modeling accelerators. In addition to this, it had interoperability capabilities and may be integrated into any existing design software platform”,* explained Valentin Safir, President of Safran Engineering Services.

More than 350 systems architects at Safran are already making good use of the software, which is now established on the market as a proven and mature solution, that can be used in all sectors of activity. What's more, the company has developed a user support service offering and is continuing to develop its software with the addition of new functionalities.

***Safran** is an international group that offers state-of-the-art technology, and operates in the aeronautics (propulsion systems, equipment and interiors), space and defense sectors. Its aim is to have a lasting impact, creating a safer world where air travel grows more comfortable, more accessible, and increasingly environmentally friendly. With locations on all continents and 76,800 employees, the Group had €15.3 billion in sales in 2021. It is a major world and European leader in its markets through its individual efforts and partnerships.*

*Safran is listed on Euronext Paris and is part of the CAC 40 and Euro Stoxx 50 indexes.*

***Safran Engineering Services** provides cutting-edge technology engineering services in the aeronautics, energy and land transport sectors. Boasting 30 years of experience, the company has the support of 3000 engineers covering 9 countries across the globe.*

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