

## **Airbus Safran Launchers and Dassault Systèmes Confirm Collaboration for the Design and Development of Ariane 6**

### ***“Winning Program” Industry Solution Experience at the Heart of European Space Launcher Program***

VELIZY-VILLACOUBLAY, France — November 29, 2016 — [Dassault Systèmes](#) (Euronext Paris: #13065, DSY.PA), the 3DEXPERIENCE Company, world leader in 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions, today announced that it confirms its long-standing collaboration with [Airbus Safran Launchers](#), developer and supplier of solutions for civil and military space launchers and the industrial prime contractor of Ariane 6, the European Space Agency’s next generation launcher. More than 700 engineers working on the development of Ariane 6 across multiple sites in Europe, including partners, are using Dassault Systèmes’ solutions for the systems architecture, the detailed design definition and the validation of propulsions and the space vehicle.

Dassault Systèmes’ [“Winning Program”](#) industry solution experience has been a key enabler to perform multiple trade-off studies, explore a greater number of alternatives and accelerate the decision-making process to select the most competitive configurations for Ariane 6. The selected architecture, an Airbus Safran Launchers digital asset, will be optimized and continuously validated during the overall development phases.

Such digital assets are created and validated from a collaborative digital mock up that helps avoid errors, minimize changes and contribute to reducing months from the development and industrial ramp-up phases. Dassault Systèmes’ applications are being used for design in context processes, internal and transnational co-design reviews, and program reviews leveraging virtual reality that enable the accurate definition of all complex manufacturing operations.

“For Ariane 6, Airbus Safran Launchers continues to build on the accomplishment and value created with Dassault Systèmes’ solutions that contributed to the design of Ariane 5,” said Alain Charmeau, CEO, Airbus Safran Launchers. “These solutions, based on a high-fidelity digital mock up shared by our partners, remain at the heart of our industrial model to develop the launcher across Europe.”

The space sector is subject to fierce competition as never before. Startups worldwide and companies in emerging markets are forcing more established businesses to transform their operations in order to provide versatile, high-performing, and cost competitive launchers. “Winning Program” was designed for aerospace and defense companies looking to optimize early program phases and program development using design, simulation and collaboration. With advanced levels of engineering detail and shared knowledge available in the conceptual design phase, “Winning Program” can significantly improve adherence to program costs, performance and schedule.

“We are proud to bring our partnership for innovation and performance with Airbus Safran Launchers to an upper level. In times of consumerization of space, our collaboration aims to design and develop a new experience-focused model for space launch, and know from the earliest stages that Ariane 6 can be delivered on budget, to specification and on time,” said Bernard Charlès, Vice Chairman and CEO, Dassault Systèmes. “Dassault Systèmes’ unmatched Aerospace and Defense industry solution experiences enable Airbus Safran Launchers to explore the possible, collaborate with clients and through all disciplines and stakeholders within the ecosystem, and configure the right concept. Together we can harness the power of design and digital heritage to transform the industry.”

For more information on Dassault Systèmes’ industry solution experiences for Aerospace & Defense, visit: <http://www.3ds.com/industries/aerospace-defense>

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#### **About Dassault Systèmes**

Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes’ collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 210,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

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