

## **Boom Supersonic and Dassault Systèmes Partner to Advance the Development of Overture, History's Fastest Commercial Airliner**

- **Colorado-based company using the 3DEXPERIENCE platform to accelerate the design and development of its revolutionary Mach-2.2 airliner**
- **“Reinvent the Sky” industry solution experience can cut the development time of a first prototype in half**
- **3DEXPERIENCE platform lowers the barriers to market entry for small OEMs and startups shaping a new era of flight**

**VELIZY-VILLACOUBLAY, France — May 15, 2019 — [Dassault Systèmes](#)** (Euronext Paris: #13065, DSY.PA) today announced that [Boom Supersonic](#) is deploying the [3DEXPERIENCE platform](#) to accelerate the design and development of Overture, its Mach-2.2 commercial airliner, with an aim to make supersonic travel mainstream and affordable.

Boom Supersonic is using Dassault Systèmes’ [“Reinvent the Sky”](#) industry solution experience based on the 3DEXPERIENCE platform to support product development from concept through manufacturing and certification. By using this industry-leading solution, Boom Supersonic can cut development time of its first prototype in half and improve product quality by reducing program complexity, inefficiency, costs and resources, thus lowering the barriers to market entry.

“Overture takes new advances in aerodynamics, materials, and propulsion and uses them to revolutionize long-haul commercial airline travel. We need powerful design tools to deliver our vision of a supersonic future, and that is exactly what Dassault Systèmes provides,” said Joshua Krall, co-founder and VP, technology, Boom Supersonic. “As a startup, we aren’t constrained by legacy software systems and aim to keep IT costs low. We quickly and easily deployed Dassault Systèmes’ 3DEXPERIENCE platform and expect to scale up to hundreds of users as our project matures.”

In response to increasing passenger travel and demand for new products and services, aerospace startups, new market entrants and small original equipment manufacturers (OEMs) are shaking up traditional aviation industry dynamics with new and emerging aircraft design concepts that aim to overcome technical challenges of the past.

Tailored for product innovation by small OEMs and startups, “Reinvent the Sky” offers scalable access to digital design and simulation applications in a single, secure, and standards-based environment. Boom Supersonic’s engineers, program managers and chief test pilot can collaborate in real time to define requirements, access and reuse common processes and parts with full traceability.

“Aerospace companies are working to deliver faster, lighter, more efficient aircraft without sacrificing passenger comfort,” said David Ziegler, Vice President, Aerospace & Defense Industry, Dassault Systèmes. “Smaller innovators need tools for their product development programs that offer them the infrastructure of more established companies yet allow them to stay nimble and incur minimal IT-related expenses. The 3DEXPERIENCE platform delivers this support. Boom Supersonic can create the next generation passenger experience with digital applications that have long been at the core of the industry’s major milestones.”

Boom Supersonic is currently building XB-1, its two-seat demonstrator aircraft, to prove key technologies for supersonic flight. Once operational, the company’s flagship airliner, Overture, will become the fastest commercial airplane in history, flying Mach 2.2 from New York to London in 3.25 hours and from Tokyo to San Francisco in 5.5 hours.

Joshua Krall will be speaking at Dassault Systèmes’ [3DEXPERIENCE FORUM North America](#), held May 13-16, 2019 in Las Vegas. The annual event brings together leaders from across all the company’s 11 industries, including aerospace and defense.

Dassault Systèmes will be attending this year’s [International Paris Air Show](#) (June 17-23), booth D170 (Hall 2B) and Chalet B161 (by invitation only).

#### **Social media:**

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#### **For more information:**

Dassault Systèmes’ industry solution experiences for the aerospace & defense industry: <https://ifwe.3ds.com/aerospace-defense>

Dassault Systèmes’ 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

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#### **About Boom Supersonic**

Boom Supersonic is redefining what it means to fly by building Overture, history’s fastest commercial airliner. Boom’s vision is to bring families, businesses, and cultures closer together through supersonic travel and make the world dramatically more accessible. The company is backed by world-class investors and has 30 aircraft on pre-order from Japan Airlines and Virgin Group. Founded in 2014, Boom has assembled a world-class team of over 130 full-time employees who have made contributions to over 40 air and spacecraft companies. For more information, please visit <https://boomsupersonic.com>.

#### **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 250,000 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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