

Sculpteo's innovative 3D printing expertise used to develop drone solutions

Dronavia calls on Sculpteo's 3D Printing services to enhance drone safety



Paris, France, 24 June 2025 – [Sculpteo](#), a leader in additive manufacturing, announces that Dronavia, a French specialist in safety systems for professional drones, has enlisted the expertise of Sculpteo for the design and production of technical components.

3D printing to ensure drone flight reliability

Dronavia designs parachute systems, circuit breakers, remote identification, and geocaging devices - critical components for flight safety in complex scenarios. Their integration relies on lightweight technical parts tailored to each drone model, built to withstand shocks and mechanical stress.

Using Multi Jet Fusion (MJF) technology and PA12 material, Sculpteo 3D prints custom structural components for Dronavia: circuit breaker housings, detection enclosures, technical shells. This fast, precise, and reliable production supports compliance with EASA (European Union Aviation Safety Agency) standards.

Alexandre d'Orsetti CEO of Sculpteo: "At Sculpteo, we see additive manufacturing not merely as a means to produce parts but as a catalyst for reimagining design and production. It's about cultivating a manufacturing ecosystem that's agile, efficient, and innovation-focused. Dronavia's success shows how embracing 3D printing doesn't just solve problems, it transforms them into unique strategic advantages."



Ludovic Pelletey, CEO and R&D Director at Dronavia: “We need great design freedom and very short lead times to support the launch of each new drone. 3D printing with Sculpteo allows us to go from concept to production in just a few days, while ensuring optimal quality.”

For more information regarding the Sculpteo and Dronavia collaboration visit:
<https://www.sculpteo.com/en/resources/customer-stories/dronavia-case-study/>

About Dronavia

Dronavia is a European leader in professional drone safety accessories. The company stands out for its commitment to securing airspace by offering an innovative range of solutions compliant with the latest EASA (European Union Aviation Safety Agency) standards. Among its flagship products are parachute systems, flight termination systems, geocaging devices, remote identification solutions, and compliance kits for, among others, DJI brand drones. By simplifying flight mission preparation and integrating cutting-edge technologies, Dronavia enables drone operators to focus entirely on their operations while meeting the most stringent regulations.

For more information about Dronavia: <https://www.dronavia.com/>

About Sculpteo

Sculpteo, a pioneer and specialist in digital manufacturing, offers an online 3D printing service. Sculpteo provides an online platform to securely upload 3D files and ¹ select from over 75 materials and finishing options. Professional engineers and technicians produce parts using industrial 3D printing technologies before ² shipping them to businesses and individuals worldwide. Based in Paris and San Francisco, Sculpteo offers large-scale 3D printing and manufacturing for startups, SMEs, and design studios. Sculpteo offers its professional 3D printing service alongside its expert Design Studio to help companies integrate additive manufacturing into their development and production processes. Sculpteo ³ was founded in 2009 by Eric Carreel and Clément Moreau. Sculpteo was acquired by BASF New Business GmbH in November 2019.

For more information visit: www.sculpteo.com

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