



ADDITIVE ENGINEERING

Proven by aerospace
engineers, trusted by
medical surgeons.

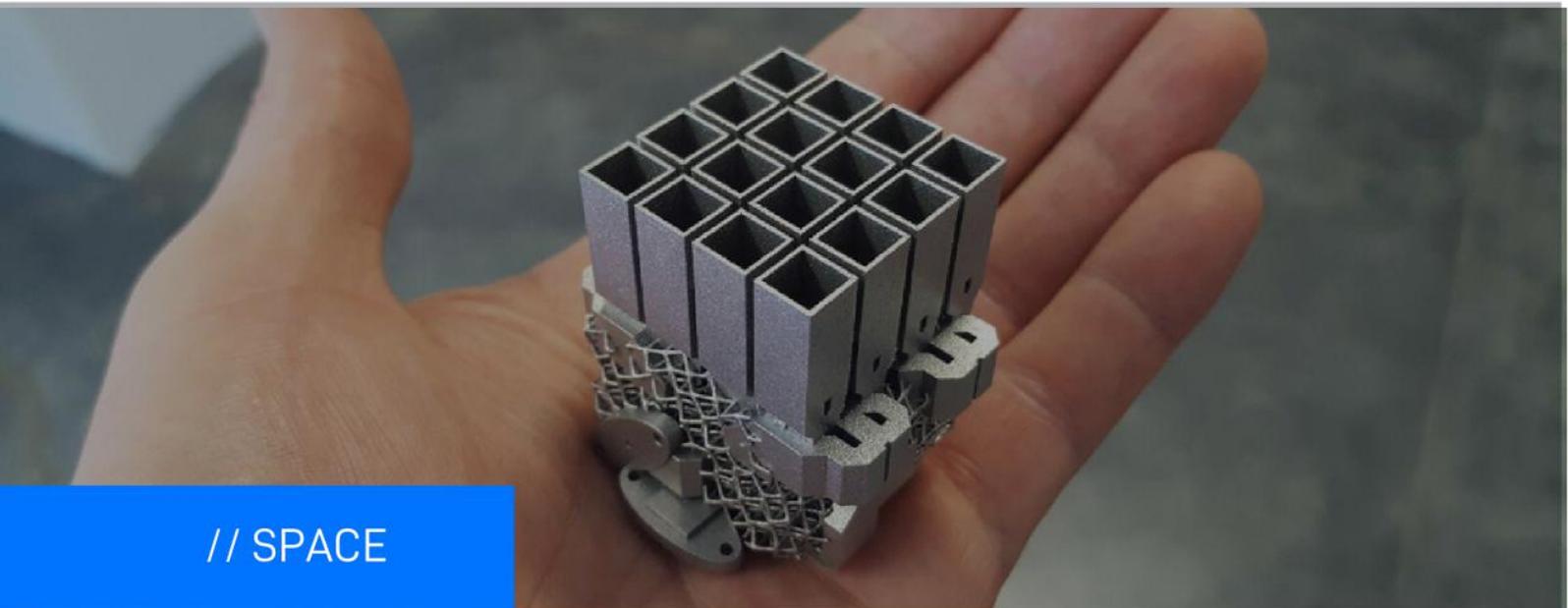
Aerospace



// UNMANNED SYSTEMS

Reduce weight, cost and parts

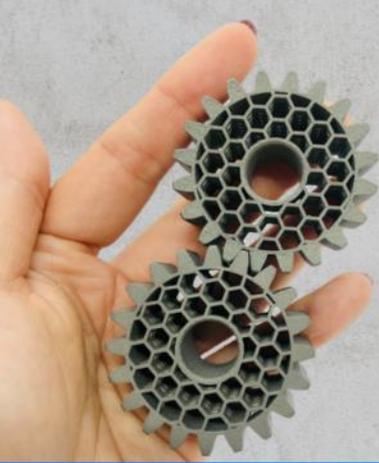
A NACA inlet for a remotely piloted aircraft traditionally made from three parts of welded formed sheet, was printed as a single 30% lighter titanium piece, reduced 85% tooling, weld inspections and delivery costs by 90%.



// SPACE

Reduce size and consolidate assembly

A large 100-part radio frequency antenna assembly was printed as one, saving 95% weight, 80% reduction in size, and delivery time. This contributed to lower launch costs and more consistent RF performance at higher bands.



// MRO COMPONENTS



Manufactured ready for use

- > Precision, complex lattice structures to manage heat, cooling, acoustics, flow, and pressure
- > Post-processing in-house; heat treated, machined (if required) and sealed in tamper-proof packaging.



// AVIATION

Airworthy reproducibility

- > Process has manufactured 100,000 FAA-certified nozzles for LEAP engines and achieved 10 million flight hours
- > Proven technology for SWaP-C optimisation
- > certified materials including Ti6Al4V, stainless steel, CoCr

Realise the potential of additive manufacturing (AM)



Proven and certified

Reduce risk with qualifying AM parts



Accelerate innovation

Leverage design freedom and enhanced properties with complex structures



Produce more sustainably

Reduce material waste and maintain less inventory



Transform your business

Shorter lead times, less MRO costs and gain speed to market

Material standards



ASTM INTERNATIONAL



Partners + memberships



Additive Engineering provides fully integrated services of certified technology and materials to manufacture precision high surface quality products to meet medical standards.

Leveraging our expertise in traceability and surface quality, the same technology is also proven to manufacture consistent, strong, and lightweight components for the aerospace industry.

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