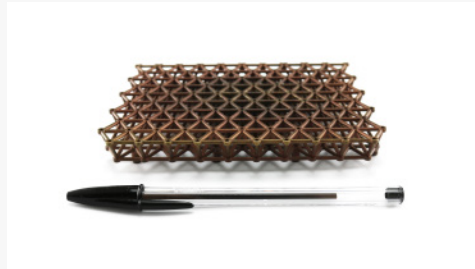


## Additive Manufacturing

Aerospace | Defence | Space



### Delivering high accuracy additive components with ultra-fine details

Sylatech makes extensive use of additive manufacturing in the production of both prototype and low-volume production metal parts, for its customers. Our technical team challenge perceived manufacturing design limitations, and demonstrate how Sylatech's additive process delivers complex geometric parts, in production volumes.

Our extensive additive manufacturing suite investment, enables the creation of 3-dimensional parts through an additive, layer-by-layer build process. Due to the way the material is added by a precise computer-guided applicator, the technique is often referred to as 3D printing.

### Our Solution

Working with .stp, .sat or .igs models, we can deliver a physical metal investment cast prototype part to our customers within 72 hours. This affords designers and engineers the ability to test their designs and validate design fit, without having to invest in tooling ahead of investment casting, where applicable. This yields significant time and cost savings, as fewer tooling modifications are necessary.

Our 3D prototyping capability, coupled with our investment casting process, delivers high-accuracy castings with ultra-fine detail, and a smooth surface finish.

### The Benefits

- Complex geometric parts, in production volumes
- Flexibility in the product design lifecycle
- Time and cost savings
- Reduced level of tooling modifications
- Accelerated placement of tooling orders
- Aluminium & copper alloy specifications available via our website.

[LEARN MORE](#)