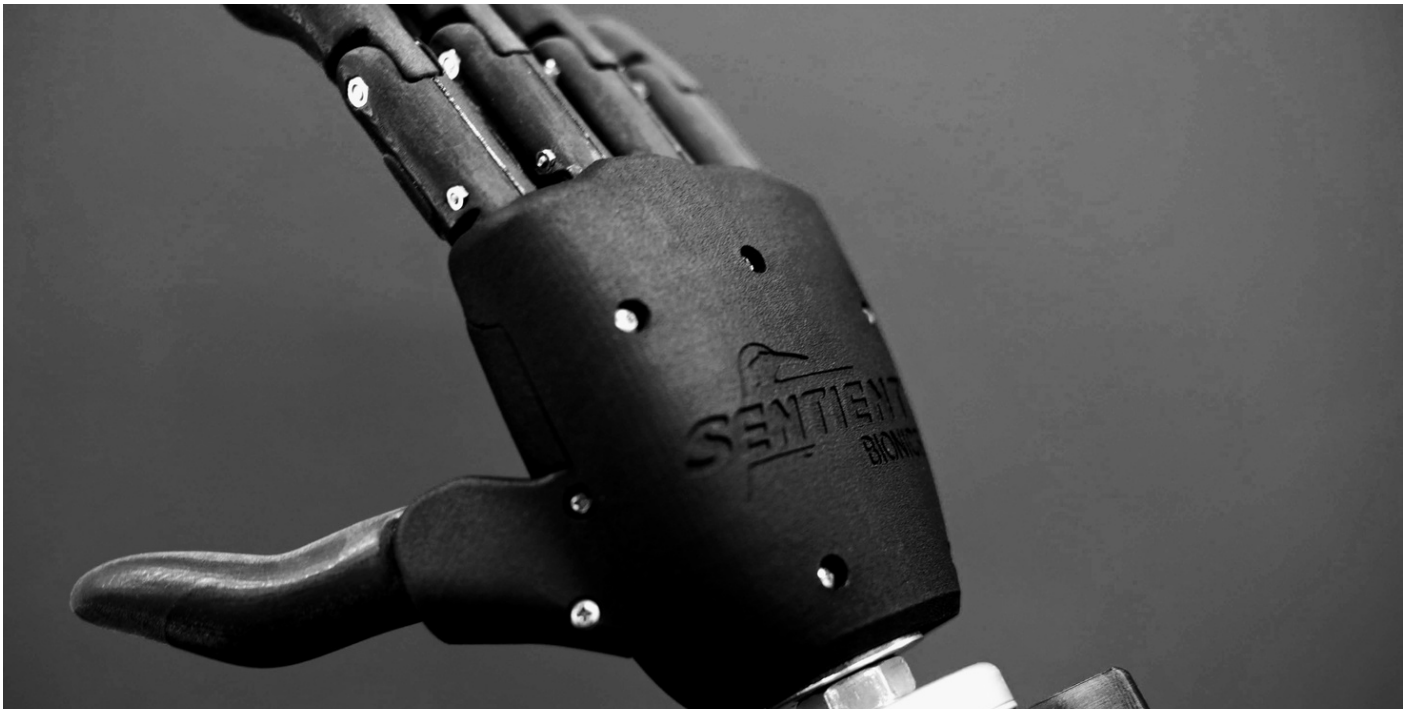




## CASE STUDY



# 3D PRINTING PROVIDING A HELPING HAND.

Process: 3D Printing (MJF)

### Challenge:

Sentient Bionics dynamic design required several prototype parts to be manufactured quickly so they could be tested and altered according to results.

### Solution:

GoProto was engaged for a range of 3D printing services including manufacture of the prosthetic hands, internal mechanisms and phalanges in PA11 and PA12 material.

### Results:

GoProto's range of materials and technology all located under-the-one-roof, meant Sentient Bionics time-lines and costs were reduced significantly.

Sentient Bionics now sees 3D printing & additive manufacturing playing a crucial role in their future production requirements that allows for iterative design changes and high quality parts.



[Sentientbionics.com/prosthetics-1](http://Sentientbionics.com/prosthetics-1)

### GoProto ANZ Pty Ltd

#### 3D Printing & Contract Manufacturing

30-32 Ceylon St,  
Nunawading VIC 3131  
Tel: +61 3 8899 7280  
Email: [sales@GoProto.com.au](mailto:sales@GoProto.com.au)

#### 3D Scanning (Wysiwyg 3D)

Unit 1, 22-24 Norman St,  
Peakhurst NSW 2210  
Tel: +61 2 9153 9974