

# Newsletter

April 2021

**SCAN-XPRESS**  
EXCELLENCE IN 3D MEASUREMENT

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**gom** | CERTIFIED  
a ZEISS company PARTNER



**THIRD DIMENSION**  
ADVANCING MANUFACTURING

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## The Next Small Thing - GOM Scan 1

The GOM Scan 1 is the latest addition to the #HandsOnMetrology platform. It is a compact and mobile 3D scanner to digitally capture objects and achieve precise 3D meshes for applications such as 3D printing, reverse engineering and dimensional inspection. It operates with GOM Inspect, the well-established standard in 3D

metrology, and supports tasks such as 3D printing, 3D visualization and reverse engineering. It captures high-quality data in a short amount of time.

The GOM Scan 1 is an optical 3D fringe projection scanner with Blue Light Technology. It captures the complete surface of components with narrowband blue light. With the Next Small Thing, you can go ahead and start something big.

[Read more about the GOM Scan 1](#)

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## 3D Scan at Anzac War Memorial

Last week, our application engineer [Josh Span](#) visited the Anzac War Memorial in Sydney to 3D Scan the 'Sacrifice Sculpture.'

The sculpture Sacrifice encapsulates the message at the heart of the Anzac Memorial. Designed by sculptor George Rayner Hoff, the sculpture is based on the story of the Spartan warrior from ancient Greece.

The purpose of the scan was for historical archiving and for creating a scaled down version of it so that vision impaired people can interact with it and experience the sculpture.

The T-SCAN hawk by [ZEISS Group](#) was chosen for this application as it can combine photogrammetry with surface scanning to ensure an accurate digital twin was created.

[More images available](#)



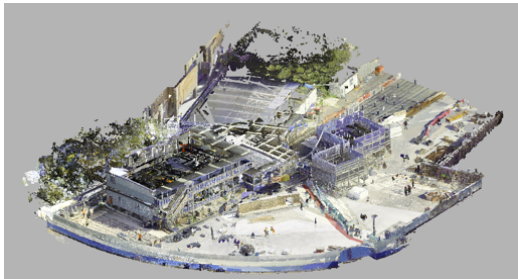
Generated with ATOS Professional 2020



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# Terrestrial Scan

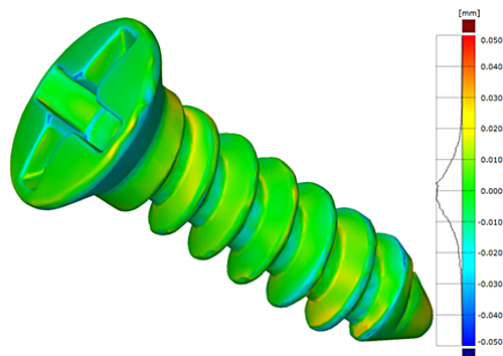
Scan-Xpress conducted a large volume scan of the groundwork at the New South Wales Art Gallery in Sydney. The scope of this project was to integrate high resolution scan data with existing survey data to get an accurate representation of the full area.

[Read more](#)

## Join us at Landforces 2021

Scan-Xpress is excited to announce that we will be a part of Landforces 2021 - the premier international land defence exposition. The event will showcase equipment, technology and services for the armies of Australia and the Indo-Asia-Pacific. If you are going to be in QLD between June 1 and 3, make sure you visit our stall!

[Read More](#)



## Upcoming Case Study

MAXONIQ, a company specialising in the design and manufacture of bespoke cranio-maxillofacial surgical implants, contracted Scan-Xpress to produce accurate CAD models on a series of small surgical screws. We will publish a detailed case study on this in the month of May. Keep an eye out for this in our next newsletter.

[Read our case studies](#)

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