

3D Scanning Service from ARRK

**Need more parts but can't find your old data?
Or perhaps you need replacement parts that are
no longer available? All is not lost!**

ARRK's new 3D scanning service allows physical objects to be optically scanned and converted into 3D CAD data. Scanning has a range of uses and applications and is ideal for clients where the original CAD data is no longer available. A relatively simple process, optical scanning involves the projection of light on to the object and capture of the reflected light by cameras. Repeat scanning at different angles allows gathered information to be converted into a 3D CAD file which can be exported in various formats.

What else can scanning be used for?

- ✓ Reverse engineering of hand crafted parts, e.g. clay or foam models;
- ✓ Reverse engineering of modified components;
- ✓ Remaking old castings or castings that have been damaged;
- ✓ Inspection of complex surfaces;
- ✓ Inspection of parts that cannot be CMM'd due to the intricate features;
- ✓ Capturing interface data;
- ✓ CAD data obtained from this service can then be used to produce one off prototype or low volume castings.

The service is flexible and easy to use with most projects being turned around within one to two days depending on what you are looking to obtain from your scan. Inspection reports, Curve network and Auto Surface options are also available.



To **discover more** about this service
please **contact** us at:

ARRK Product Development Group Limited

11 Olympus Park, Quedgeley,
Gloucester GL2 4NF. UK

Tel: +44 (0) 1452 727788 Fax: +44 (0) 1452 727755
Email: projects@arrkeurope.com www.arrkeurope.com