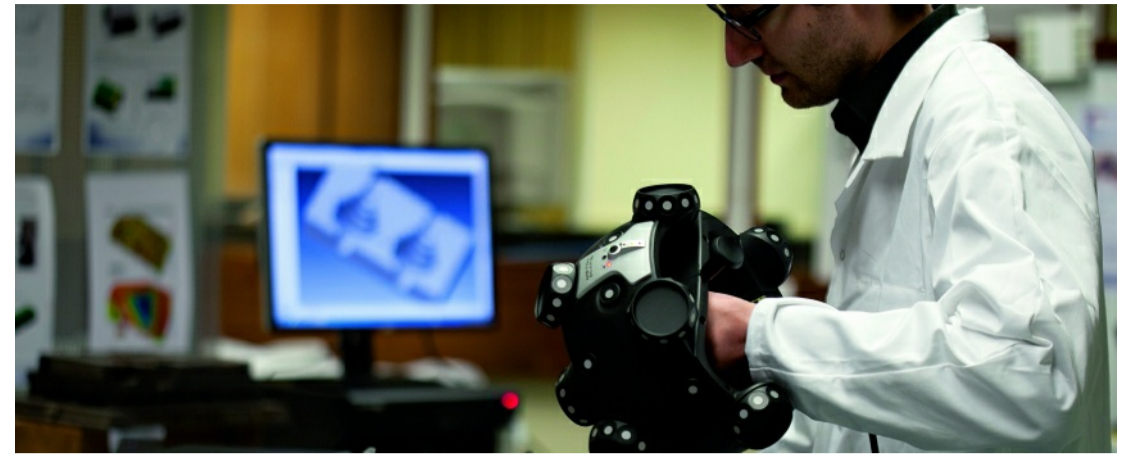


# SCANNING / RECONSTRUCTING YOUR PRODUCTS IN 3D



3D scanning, inspection and reverse engineering of products (all materials).

## Your expectations

You are looking for an independent and impartial service provider for the following purposes:

Scanning and reverse engineering of your products.

Quality control, 3D inspection, geometrical and dimensional characterisation of your components, through comparison with the digital definition (CAD file).

Drawing up of “as built” 3D documents of infrastructure and related facilities, pipes, buildings, assemblies and subassemblies of all types of materials.

Alignment and calibration of machines, robots, assemblies and structures.

Creation of 3D digital models.

Failure analysis, reconstitution of damage and accidents, detection and elimination of collision and alignment errors.

Virtualisation of sceneries, characters, artworks for films and video games.

## Our solutions

CETIM offers you a local measuring service from its three laboratories in France, with highly-efficient portable equipment:

FARO Laser Scanner Focus 3D, LEICA Laser Tracker AT401, CREAFORM Scanner 3D on optical 3-dimensional measuring machine MetraSCAN/C. Track, ROMER articulated measuring arm: Absolute Arm 7525SI – Range up to 300 m – Accuracy:  $\pm 0.015$  to 2 mm.

Additional services to match your needs:

Proficient 3-dimensional measurement on site and in laboratories.

Comprehensive management of complex reverse engineering projects.

Selection of 3D measuring instruments suited to the specifications of your projects.

## Your benefits

Our metrology experts, members of standardisation bodies specialising in 3D measuring instruments, guarantee the method and results provided in a timely manner.



Measurement uncertainties help to determine product conformity or non-conformity.