



DIMOFAC

CIVA Platform - Characterization Platform

CEA IN A NUTSHELL

Founded: 1945

Location: Saclay, France

Technology: Additive Manufacturing

Industry: Digital Manufacturing,
Industry 4.0

Website:

<https://list.cea.fr/en/page/civa-simulation-and-analysis-software-for-non-destructive-testing-ndt/>



ABOUT CEA

CEA-List brings together experts in smart digital systems. They are committed to developing high-added-value innovations that respond to the major challenges facing our economy and society. Our R&D programs address the Factory of the Future, digital twins, artificial intelligence, and digital trust. They are backed by innovation and tech transfer mechanisms designed to help our R&D partners stay competitive.

CEA PILOT LINE

CIVA is the world's leading simulation and analysis software for non-destructive testing (NDT). It is widely used in industry, research, and education to design, optimize, qualify, and study non-destructive testing methods. CIVA can also help improve diagnoses and support the implementation of automated inspection procedures. It can handle all the main inspection techniques.



CIVA is an Additive Fabrication Hub dedicated to exploration of new geometries, lighter-weight materials and structures, advanced functionalization in Additive Manufacturing.

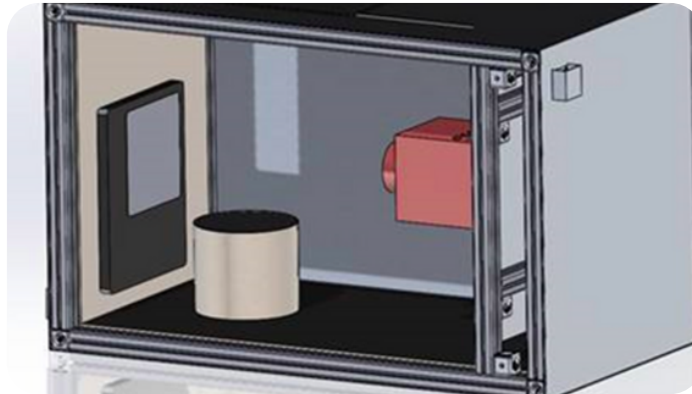


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SERVICES OFFERED

- **Inspection feasibility for new/complex parts**
X-ray inspection for new parts or products. An evaluation study including a report with foreseen performances can be prepared as deliverable.
- **Characterization service with X-ray tomography**
In the scope of product development, the module can be used to characterize a small series of samples in terms of dimensional conformity and the presence of flaws.

BENEFITS

- Checks the printed part quality and dimensional checks (external and internal features)

VALUE PER SERVICE



- **Inspection feasibility - Pricing via specific offer/quote, starting with 5k€ for study with simple to medium application cases.**
- **Characterization service with X-ray tomography - pricing via specific offer/quote, starting with 10k€ for study with simple to medium application cases.**

