A French start-up is offering 3D data processing services under commercial agreement with technical assistance

Summary

Profile type	Company's country	POD reference
Technology offer	**France**	**TOFR20250822016**
Profile status	Type of partnership	Targeted countries
PUBLISHED	**Commercial agreement with technical assistance**	**• World**
Contact Person	Term of validity	Last update
Enrico FRANZIN	**22 Aug 2025** **22 Aug 2026**	**22 Aug 2025**

General Information

Short summary

A France-based company is operating on the field related to 3D, like culture heritage, industry 4.0, Building Information Modeling (BIM). It provides 3D data processing services to create custom 3D processing software. The start-up is open to collaborate with any worldwide company throught commercial agreement with technical assistance.

Full description

Between research, development and marketing, the start-up based in France is in connection with research, documentation and imagery data that is reusable, interoperable and vector-based.

One of the 2 managers conducted his thesis on image processing. His former professor and him co-founded the start-up based on the skills they have acquired. They want to democratise 3D, create new activities and optimise the industrialisation process with their easily (re)usable models. They are co-building with their prospects this indispensable proximity that involves them and allows them to create information.

The company is now operating in France and provides cutting-edge services of 3D data processing to deliver well-adapted solutions to companies. It can therefore offer a vast field of investigation and multiple applications coveted by the industry of the future. The Research and Development department have proposed solutions targeted several

domains fields such as the customization of product for the Industrial 4.0, the modelization of the reality from 3d data for the Cultural Heritage or Building Information Modeling.

They are constantly conducting research to offer digitisation and simplification solutions to their clients by developing assistance and time-saving tools. For example, their project on image processing concerns the marketing of a tool to assist in the reconstruction of 3D models in the building and in providing information on the semantics of buildings, fluids or materials, based on the 3D scan.

The start-up is interested in creating partnerships in order to develop its business. Main partnership could be commercial agreement with technical assistance but there is no restriction about the form of the cooperation. Typically, it can bring a consortium with each party to describe the scope of the IPR.

Advantages and innovations

- The start-up has developed 3D point clouds processing framework to solve inverse problem on 3D point clouds (segmentation, filtering, restoring, inpainting, colorization). This innovation is a decive advantage in order to create new services on any domain field.
- They have the knowledge and skills to develop the solution from scratch, thus software delivered are guarantee to be free from intellectual properties constraints.
- The solution can be easily deploy at customer office (on-premise), or can be remotely called (Software as a Service – SaaS). They have an open-data approach to guarantee interoperability of data with the clients' environment by providing both an Application Programming Interface (API) and open formats.
- They have strong link to scientific university laboratory and open to create long collaboration that can be partial fund with European aid like FEDER.

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

Secret know-how

Sustainable Development goals

• **Goal 17: Partnerships to achieve the Goal**

IPR Notes

Partner Sought

Expected role of the partner

The company's ideal partner could be a company or group of company which propose a need (scientist problem) to solve. Then the start-up can create the solution together in order to bring new products.
There is no restriction about the form of the collaboration, or the domain field, and the company is also open to any proposal.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME 11-49**

- **SME <=10**

- **Big company**

- **SME 50 - 249**

- **R&D Institution**

- **University**

Dissemination

Technology keywords

- **01003008 - Data Processing / Data Interchange, Middleware**
- **01003006 - Computer Software**
- **01003012 - Imaging, Image Processing, Pattern Recognition**
- **01003003 - Artificial Intelligence (AI)**
- **01003024 - Cloud Technologies**

Market keywords

- **02002001 - CAD/CAM, CAE systems**
- **07001003 - Toys and electronic games**
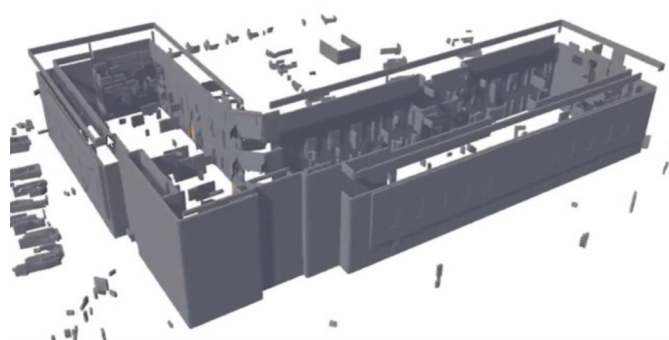
Targeted countries

- **World**

Sector groups involved

- **Creative Industries**
- **Digital**

Media

Images

Example of cultural heritage project

Example 2 of BIM (Build Information Modeling)

Example of BIM (Build Information Modeling)