

Platform for processing 3D models, orthophotos, digital terrain models, contour lines, point clouds, inventory and traceability with digital catalogue. Designed for quarries, pits, mines, factories/processors and suppliers of natural stone.

## Summary

Profile type	Company's country	POD reference
<b>Business Offer</b>	<b>Portugal</b>	<b>BOPT20250819009</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Commercial agreement</b>	<b>• Italy</b>
Contact Person	Term of validity	Last update
<a href="#">Enrico FRANZIN</a>	<b>19 Aug 2025</b> <b>19 Aug 2026</b>	<b>19 Aug 2025</b>

## General Information

### Short summary

Portuguese company offering an innovative tech solution for managing and processing 3D data from quarries, pits, mines, factories, and stone retailers. Their online platform processes drone or mobile photos, manages stocks, provides a digital product catalogue with 2D/3D images, geolocation, and technical data sheets—all in a simple, fast, intuitive, and cost-effective way. The company seeks customers and partners to expand its impact.

### Full description

The online platform was developed to transform the way companies in the natural stone sector operate. With a range of advanced features, the platform offers integrated solutions that aim to optimise processes, increase efficiency and provide greater control over all stages of stone extraction and marketing. The platform was designed to be a strategic ally, capable of meeting the demands of a constantly evolving market.

Advanced 3D Model Processing Features and high-resolution 2D maps.

One of the most advanced features of the platform is its system for processing 3D models and 2D maps, orthophotos, contour lines and point clouds of quarries, pits and mines. These tools are essential for creating accurate topographic models and for continuously monitoring variations in extracted and stored volumes. Through

this system, it is possible to obtain a detailed view and analysis of quarries, pits and mines, allowing for more effective resource management. Three-dimensional models enable optimised planning of operations, ensuring that the extraction process is carried out as efficiently as possible. In addition, these features offer an in-depth view of the quarry profile, which is essential for executing projects with greater precision and for performing geospatial analyses that can directly influence production.

#### Digital Catalogue and Stock Inventory

In addition to features related to data processing and production planning, the platform also stands out for its digital catalogue and stock inventory solution. This feature offers companies a centralised platform where they can manage all their products, from blocks and slabs to stone objects such as works of art.

Through this digital catalogue, companies can present and organise their stocks clearly and efficiently, making it easier to manage inventories and track product movements. In addition, this module provides a global view of products, allowing companies from different parts of the world to access and share products and stock, and facilitating the trade of high value-added goods.

The platform offers unique visibility, allowing natural stone companies to market their products more widely, without geographical limitations, making it an ideal solution for companies that want to expand and internationalise their reach and explore new markets with low investment values.

#### Efficiency and Sustainability

The platform not only aims to improve the operational efficiency of quarries, but also contributes to the sustainability of the sector. By optimising the use of resources, reducing waste and ensuring more effective process management, the platform helps companies to implement more sustainable practices, aligning themselves with environmental requirements and best practices in the sector.

In addition, with real-time monitoring of operations and the possibility of making adjustments according to terrain conditions and production developments, our platform offers a valuable tool for efficient management and compliance with environmental regulations.

This digital platform is undoubtedly an innovative and comprehensive solution for the natural stone and similar sectors. With advanced processing capabilities for 3D models, 2D maps, orthophotos, contour lines, point clouds, blasting planning and a global digital catalogue, it enables more efficient, secure and profitable management of all stages of exploitation, and the ability to access and share stock anywhere and anytime in the global market.

---

#### Advantages and innovations

The digital platform stands out for the innovation it brings to the natural stone sector, offering unique features for processing 3D models, 2D maps, orthophotos, contour lines, and point clouds. These tools enable more accurate and efficient management of quarries, pits and mines, something that many existing solutions do not offer in an integrated way. Unlike other products on the market, our platform enables more effective planning of operations, optimisation of resource use and reduction of blasting and extraction costs, thereby increasing productivity. In addition, with the digital catalogue and stock inventory module, it facilitates the global sale of products, expanding market reach without the need for intermediaries, costly logistics, or high investments in international trade fairs. This set of features offers not only greater operational efficiency but also significant economic benefits, such as reduced waste and time, rapid availability of the product on the global market, and increased sales.

#### Technical specification or expertise sought

#### Stage of development

**Already on the market**

#### Sustainable Development goals

- **Goal 8: Decent Work and Economic Growth**
- **Goal 9: Industry, Innovation and Infrastructure**

#### IPR Status

**Secret know-how**

#### IPR Notes

## Partner Sought

#### Expected role of the partner

The company is looking for commercial partners and distributors operating in sectors related to mining, natural stone, civil construction, and technology. We are seeking companies with a consolidated network of industrial clients and medium to large companies in the natural stone segment, distribution centres, and specialised consultancies that can help increase the global visibility of our platform.

Tasks to be performed by the desired partner:

The partner we are looking for will perform the following functions:

1. Promotion and sale of the Platform in local and international markets, focusing on companies in the natural stone and mining sector.
2. Identification of potential customers and lead generation, using their contact networks and experience in the sector.
3. Presenting customised solutions to customers, highlighting the benefits of the platform in terms of operational efficiency, resource management and digital marketing.
4. Supporting customers during the implementation process, ensuring efficient integration of the platform into customer operations.
5. Providing continuous feedback on customer needs to improve the offering and user experience.

Type of cooperation selected:

The cooperation will be commercial and distribution-based, with the aim of expanding sales of Our Platform in international markets. We expect the partner to be actively involved in the promotion and distribution of the platform, working closely with our team to ensure successful implementation and reach new customers. The partner will have access to marketing materials, technical training and ongoing support to facilitate sales and ensure customer satisfaction.

Type of partnership

**Commercial agreement**

Type and size of the partner

- **SME <=10**
- **SME 11-49**

## Dissemination

Technology keywords

- **01003008 - Data Processing / Data Interchange, Middleware**
- **02007017 - Stone**
- **01003009 - Data Protection, Storage, Cryptography, Security**

Targeted countries

- **Italy**

Market keywords

- **09006 - Mining (non-energy related)**
- **09007001 - Construction companies**
- **09007004 - Engineering and consulting services related to construction**

Sector groups involved

- **Digital**
- **Construction**