10 YEARS

O-PITBLAST

DIGITAL SOLUTIONS

Built for people who shape the ground.

NEW!
SOFTWARE

- O-PIT**SURFACE**
- O-PIT**DEV**
- O-PIT**APP**
- O-PIT**ECO**
- O-PIT**ANALYTICS**

About our journey and experience.



O-Pitblast is a Portuguese technology company specializing in digital solutions for drilling and blasting operations. Founded in 2016 in Porto, the company was created with the aim of bringing engineering, technology, and field operations closer together, developing tools that support more informed, safer, and more efficient decision-making.

From the start, O-Pitblast has been building an integrated ecosystem of solutions covering all stages of drilling and blasting, from planning to execution, measurement, analysis, and optimization. O-Pitblast's digital solutions connect engineering teams, blasting managers, and mining operations through reliable real-time data, with a focus on continuous improvement.

The company is currently part of two large international explosive producers, the FORCIT Group, which has a strong presence in the Nordic countries, and ENAEX, which operates on a global scale. This integration has strengthened O-Pitblast's technical capabilities, international presence, and commitment to high standards of quality and technological development.

Based on a culture of transparency, collaboration, strong market engagement, and continuous evolution, O-Pitblast is present in mining and quarrying operations in nearly 100 countries.

In March 2026, O-Pitblast will celebrate 10 years of activity, marking a decade defined by sustained growth, trust from its partners, and continuous contribution to the digitization and optimization of drilling and blasting operations worldwide.

» A trusted partner for mining operations worldwide

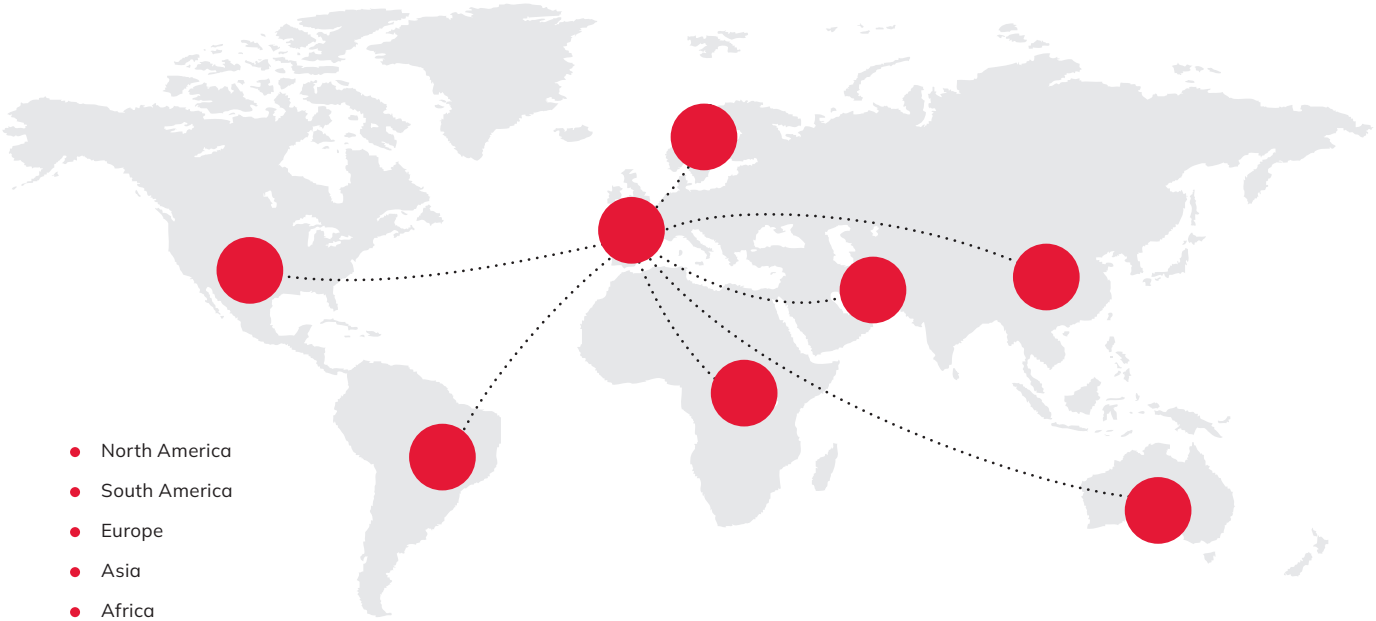
» Strong collaboration with engineers and blast managers

» Solutions shaped by real operational needs

10 YEARS

Worlwide Company

Close to our customer.



- North America
- South America
- Europe
- Asia
- Africa
- Australia

Built for people who shape the ground.

Global presence

Supporting drilling and blasting operations across multiple regions, with local knowledge and international experience.

Customer proximity

Working closely with customers to understand operational challenges and deliver practical solutions.

Data-driven decisions

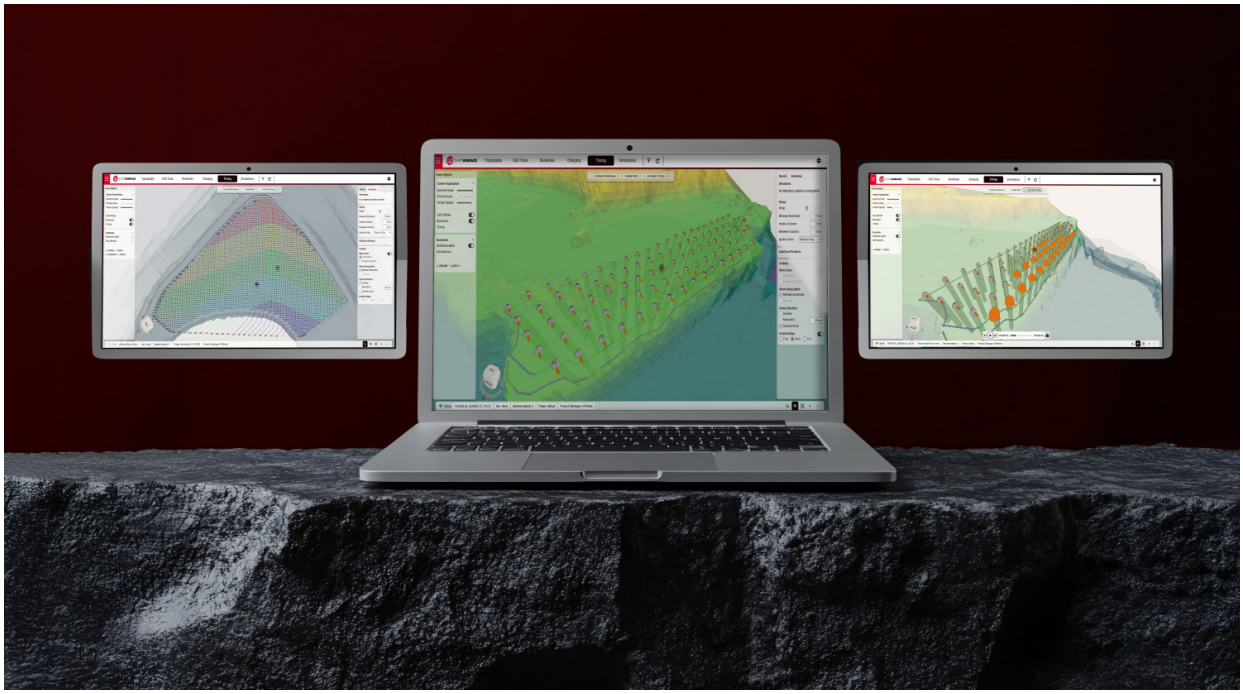
Providing reliable data to support safer, more efficient and better-informed drill and blast operations.

PORTFOLIO

- O-PIT**SURFACE**
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O-PITSURFACE

New Software



A complete digital solution for drill and blast design and planning.

O-PitSurface is a Drill & Blast Design software solution for designing and planning open pit mining operations. With O-Pitsurface, you can predict vibrations and fragmentations, import topographic data, and plan all phases of blasting operations.

Windows 11 iOS

10 YEARS

NEW!
SOFTWARE
O-PITSURFACE

Drill and blast digital solution.

- **Access anywhere, on any device**
  Web-based platform accessible on Windows and macOS without installation.
- **Design without limits, ensuring high performance on every terrain**
- **Support for larger files and point clouds up to 3 million points**
  Drill design up to 10,000 holes with more accurate calculations.
- **Simpler and more intuitive interface**
  High accuracy in every report.
- **Open and flexible, compatible with any software**
  Supported formats: OBJ, DXF, CSV, TXT, XYZ
  Heatmaps and integration with DaveyTronic systems.
- **Built-in CAD tools for efficient workflows**

O-PIT**DEV**





Advanced borehole measurement solution.

O-PitDev is a revolutionary solution for measuring borehole deviations in drill and blast operations. Developed by engineers and researchers who understand the needs of workers on the ground, it features cutting-edge technology for faster and more precise measurement readings. Its waterproof and shock-resistant design makes it ideal for non-magnetic operations, and it it is able to measure 360°.

KIT O-PIT**DEV:**

- Probe
- Hardcase
- Battery charger
- Extra USB
- O-Rings
- Armband
- Touch pens
- Rope
- Carabiners
- Clean towel
- Grease
- User manual

10 YEARS

App for easy data collection.

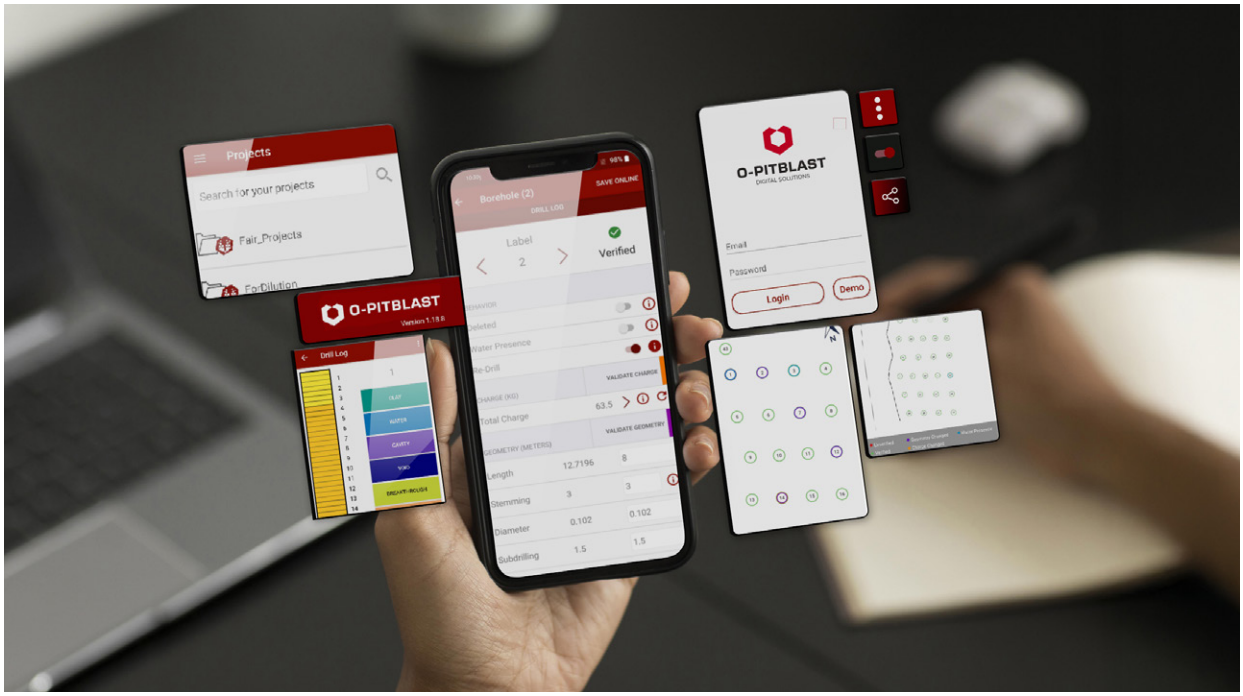
- **Water and impact resistant**
  Premium AISI 304 stainless steel. Engineered for extreme durability.
- **An intuitive app for easier data collection**
  Real-time data synchronization. Projects always up to date.
- **Flexible business model for long-term value**
  Smart investment with ongoing support.
- **360° measurements**
  More profitable operations. Save time and boost efficiency.
- **Worldwide support and maintenance**

A direct connection to the **O-PitDev App** transmits data to the **O-PitCloud**, providing immediate borehole information to the engineer responsible for the project.

The O-PitDev comes equipped with **Bluetooth 4.2. BLE connectivity** that enables communication with any smartphone equipped with Bluetooth and Android 8.0. or above.

In the event of an incident, your O-PitDev is covered by a warranty
For more information about O-PitDev conditions, please contact our team: dev@o-pitblast.com

O-PITAPP



Take full control of your blast operations, anytime, anywhere.

O-PitApp is a powerful mobile QA/QC application designed to assist drill and blast operations. Blasting teams and managers can monitor, control and analyse blast operations in real time. From hole data to explosive charging and reporting, everything is managed digitally, reducing manual work and increasing operational accuracy.

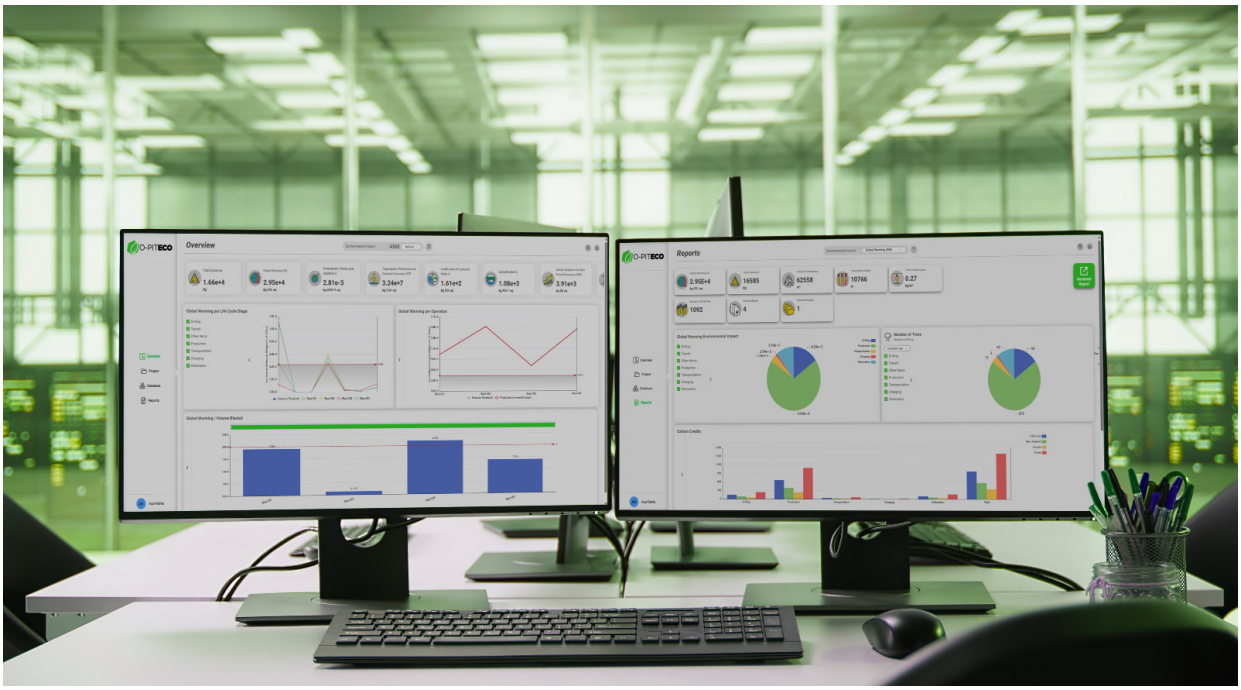
10 YEARS

The Ultimate Drill & Blast QA/QC App

- **Real-time online control of blast progress**
- **Multi-user access for collaborative operations**
- **Blast plan download via O-PitCloud**
- **Recording of actual borehole data, including:**
  - Hole length
  - Inclination
  - Azimuth
  - Diameter
  - Stemming height
  - Water presence
- **Registration of explosive quantities**
  - Bulk explosives or cartridges
  - Accessories such as boosters and detonators
- **Storage of borehole information**
  - Photos
  - Comments
- **Automatic generation of blast reports**

Available on Google Play.
Mobile-first design for on-site and remote use.

O-PITECO



Emission control and reduction for mining operations.

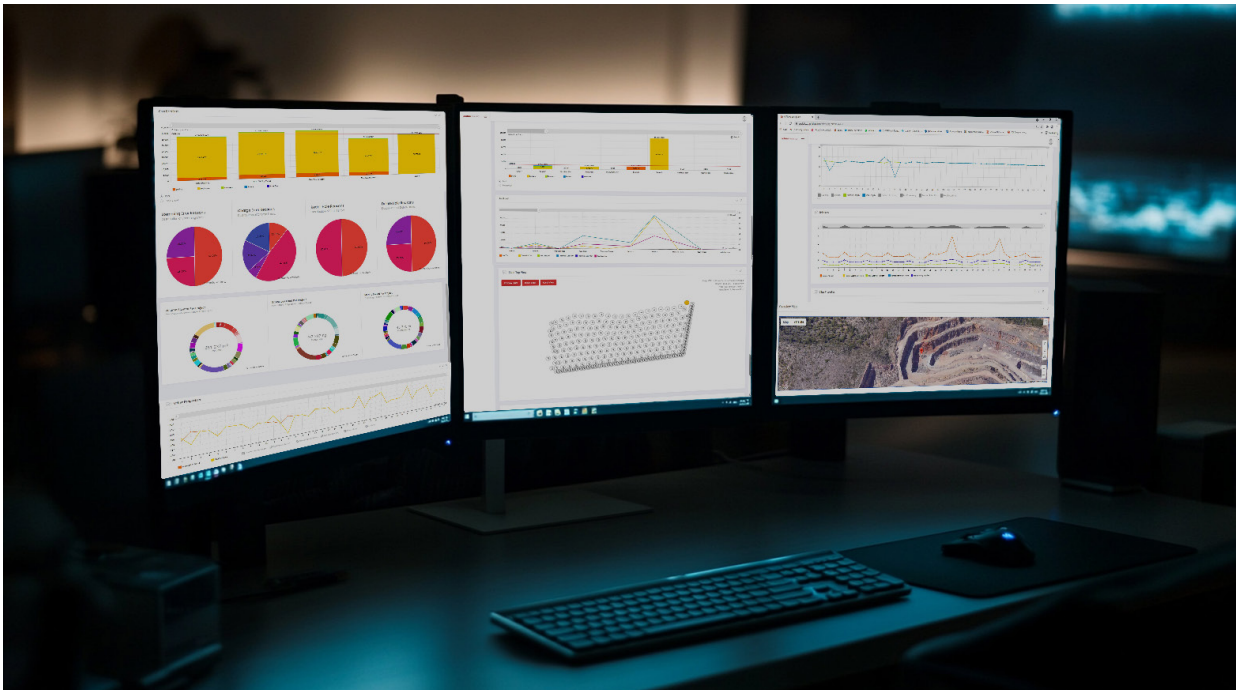
O-PitEco is a comprehensive software solution designed to estimate, monitor and control greenhouse gas emissions in mining operations. It allows you to assess the environmental impact of drill and blast activities and provides tools to effectively reduce it. This solution enables you to optimise your drill and blast design while maintaining operational control and reducing your carbon footprint.

Drill & Blast Environmental Performance

- **Online blast progress control**
- **Multi-user blast progress control**
- **Emission report download via O-PitCloud**
- **Recording of actual borehole data**
  Including length, inclination, position, azimuth, diameter, stemming height and water presence.
- **Registration of explosive quantities, bulk or cartridges, and accessories such as boosters or detonators**

The O-PitEco enables real-time monitoring of greenhouse gas emissions, helping mining operations reduce environmental impact and support more sustainable drill and blast practices.

O-PIT**ANALYTICS**



Data insight from planning to execution

O-PitAnalytics is a platform that brings together all operational data, from planning to execution. It provides real-time visibility, accurate data recording and instant access to key operational KPIs, all directly from any device. This allows mining engineers to identify deviations from the original plan, detect hazards and control quality issues, supporting better decision-making across drill and blast operations.

Drill & Blast Operational Intelligence

- **Blast timing control**
  Analyse blast timing sequences and the number of holes firing at a given time.
- **Blast operational information**
  Monitor project data such as blasted volumes, explosive consumption and drilled meters.
- **Blast location overview**
  Manage blast and site locations and track the progress of mine or quarry operations.
- **KPI control**
  Explore the relationship between theoretical and real values, including blasted volume, powder factor, specific drilling, charging and costs.
- **Blasting cost breakdown**
  Control operational expenses such as drilling costs, explosives, detonators, boosters, equipment and other related costs.
- **Blast geometric relations**
  Analyse geometric relationships such as spacing to burden, sub-drill to burden and stemming to burden to better understand blast results and support optimisation.

Operation errors monitoring
Track operational errors related to stemming length, charging column, redrilling and other out-of-plan actions, helping to implement corrective measures and reduce safety and operational risks.

Built for people who shape the ground.

O-PITBLAST

DIGITAL SOLUTIONS

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