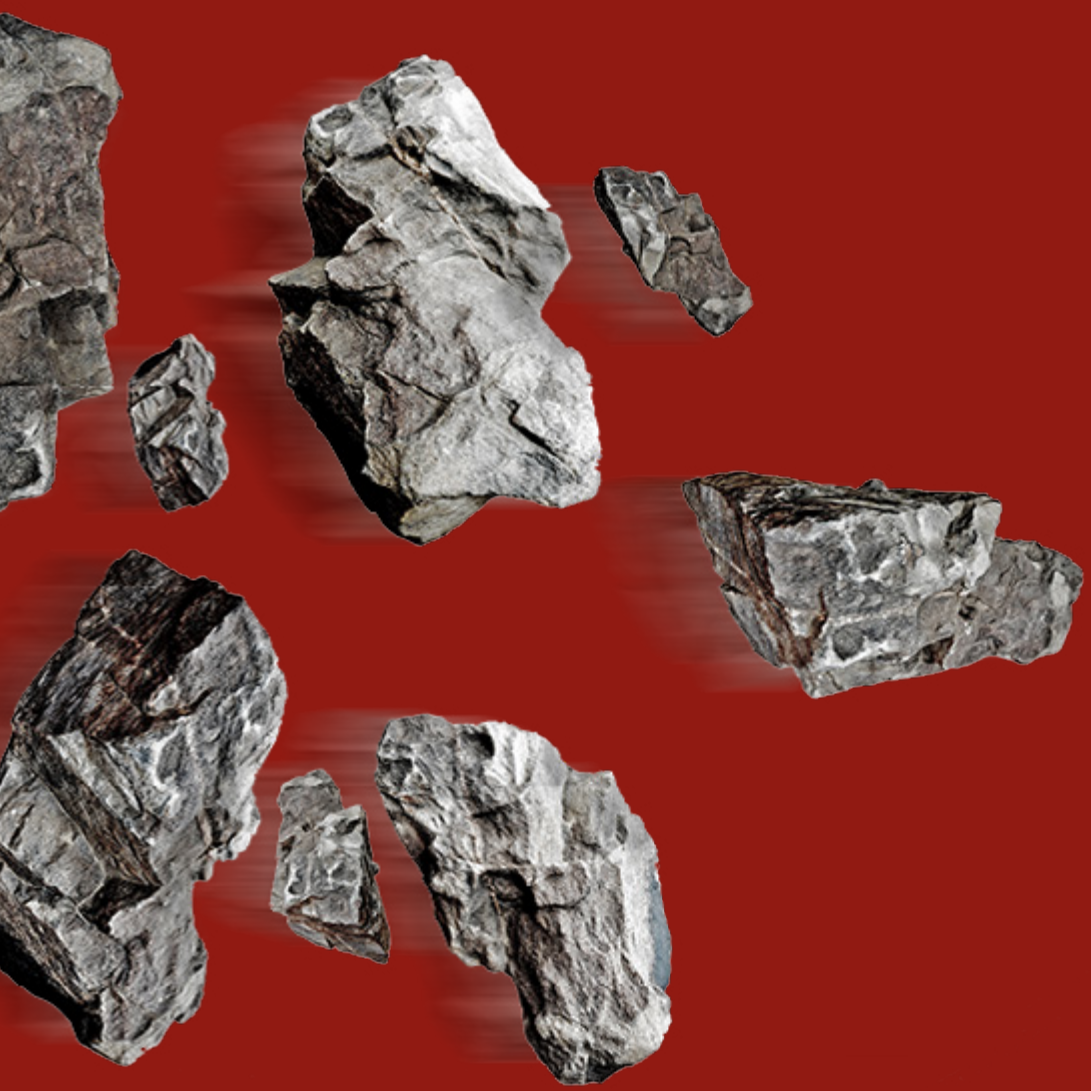
A YOUNG COMPANY, BUT WITH 10 YEARS OF MARKET EXPERIENCE.

We were born in a 100% digital environment, we think digital before interact with the real world in order to get more accuracy, safety and better economical results.



WE ARE o-pitblast

o-pitblast

BLASTING SOFTWARE



THE LATEST INNOVATION IN BLAST DESIGN

O-Pitblast represents a new chapter in the relationship between blast managers and mining operations: a new way to manage, measure, design and evaluate all blast cycle. A complete software suite aimed to plan, control and optimize.

"O-Pitblast innovative solutions have brought excavation and mining operations to the 21st century."

TOMI KOUVONEN
CEO - FORCIT International



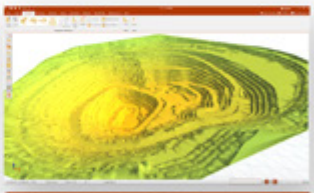
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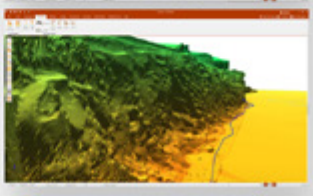
BLASTING SOFTWARE

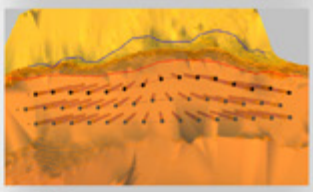
Software for Microsoft Windows that allows engineers to import topographic data from their operation (mine, quarry, civil works), to plan all phases of the blasting operations (topography, drilling, loading, timing), to control the results of the application of explosives with a certain configuration, predict and control vibrations (damages generated) and fragmentation results.

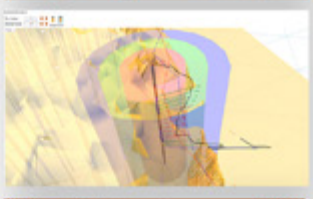


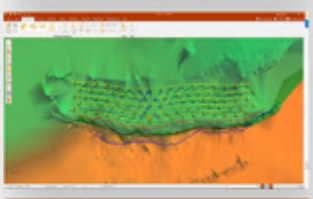
O-Pitblast Plataform

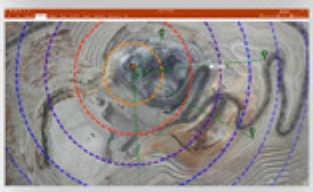


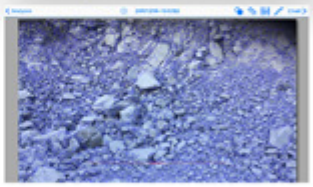












- **Topography**
  Import terrain information, adjust bench bottom and generate contour lines.

- **Free Face**
  Import 3D Laser and borehole deviation information, identify critical burdens and borehole's profile.

- **Boreholes**
  Capability to create, edit and manage borehole info, generate blast patterns and control geometrical configurations.

- **Charging**
  Create charge rules, plan decks and automatically load your blast.

- **Timing**
  Plan your blast tie-up with the available tools for any kind of detonators: non-electric, electric and electronic.

- **Vibration**
  Import vibration historical data, create attenuation laws and predict vibration.

- **Fragmentation**
  Fragmentation analysis (WipWare Inc.), prediction model and rock factor calibration.

Rua Monte do Bonfim,
120, 4300-165
Porto - Portugal.

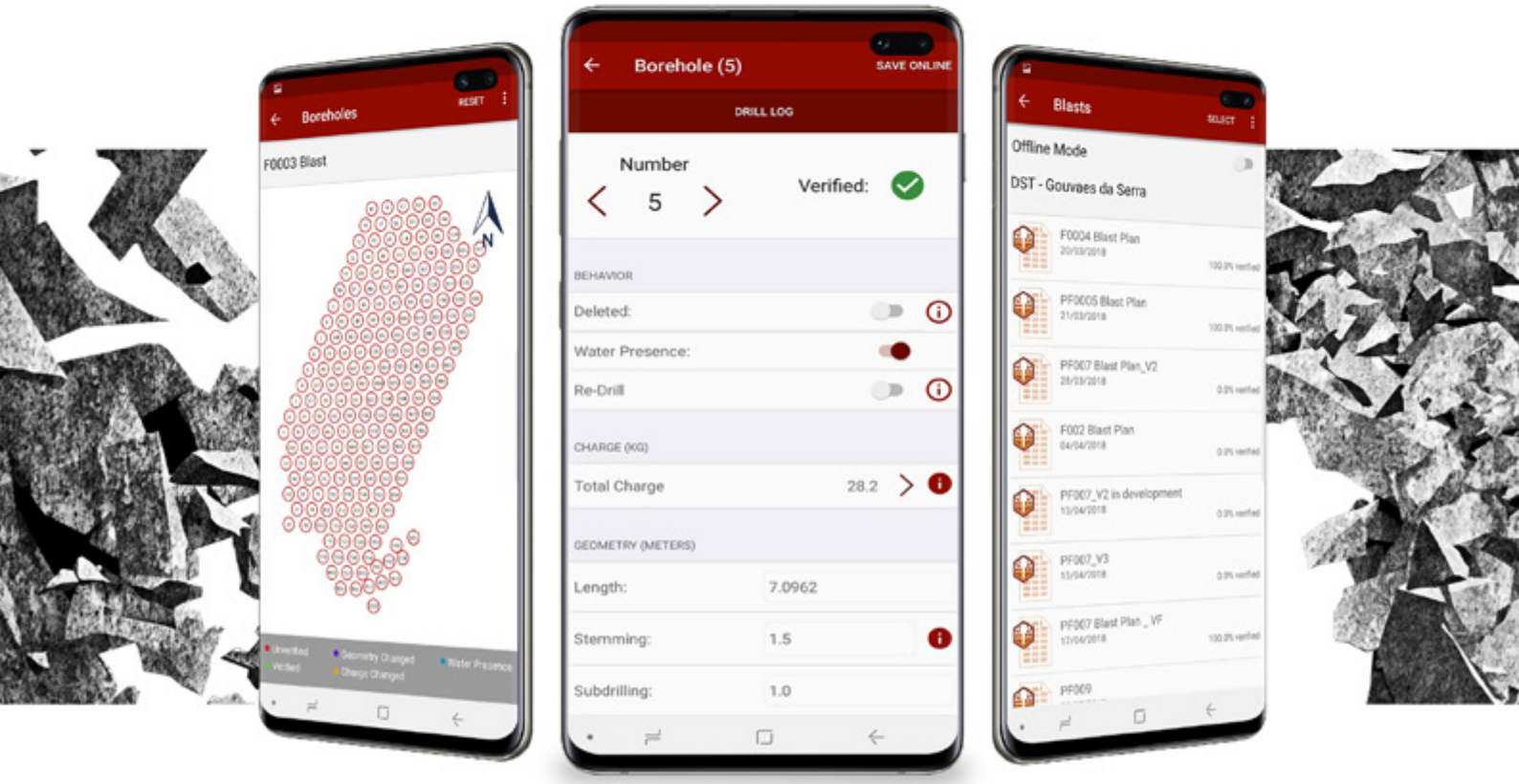
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O-PITAPP



YOU HAVE ALL THE TOOLS IN YOUR HAND

Application (for Android) that allows the monitoring and registration of all field operation by an engineer or operator.
This data can be accessed in real time through O-Pitblast Analytics where it is possible to have the visualization of the planned data, the recording of all activities performed in the field, the occurrence of deviations from the planning and also generate reports of compliance.

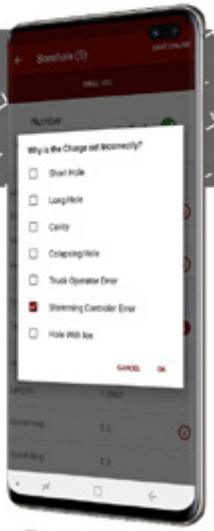
ANDROID APP ON Google play

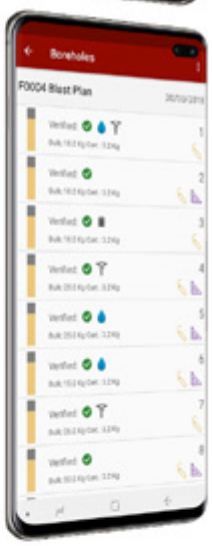
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O-PITAPP

Control your blast operation on your Android device with the latest blast design and optimization platform, O-Pitblast®! Check, in real time, your blast progress, control the actual charge per hole, hole's length, stemming height and your blast's main KPI. Now, efficiency is in your hands!

powered by o-pitblast





Key features include:

- Online control of blast projects.
- Possibility of inviting engineers to participate in projects.
- Blast plan download via O-PitCloud®.
- Introduction of hole's actual data, such as: length, inclination, position, azimuth, diameter, stemming height and water presence.
- Blast hole deletion or addition of bulk explosives and cartridges' Kgs.
- Upload of blast holes.
- Blast report generation.

In blasting operations, field data collection and processing is an intensive and slow labor, hence requiring several hours of work and this affects mine productivity, making it a major problem that must be addressed.

O-Pitblast® App provides a solution to this problem by reducing at least all the time involved in compiling dirty and damaged mine paper information, now you can control your operations online and access your KPIs remotely with only a click.

For more information, please contact our dealers or contact our team.

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ANALYTICS



ALL REPORTS IN ONE PLACE

An integral part of o-pitblast's software package, Analytics brings reports with the surgical precision that your engineers need to optimize processes.

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ANALYTICS

O-Pitblast Analytics is a platform that unifies all the data, from planning to execution. It's a system that allows the Mining Engineer to identify possible deviations from the original plan, identify hazards and control quality problems.



Some types of reports delivered by analytics:

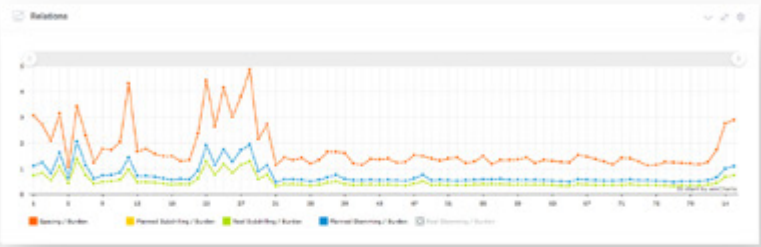
- Blast timing control.



- Relations between theoretical and real values: blasted volume, powder factor, specific drilling and charging.



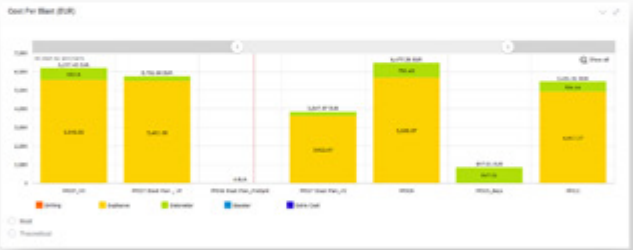
- Blast KPI relations.



- Blast location overview.



- Blasting cost breakdown.



- Blast operational information.



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