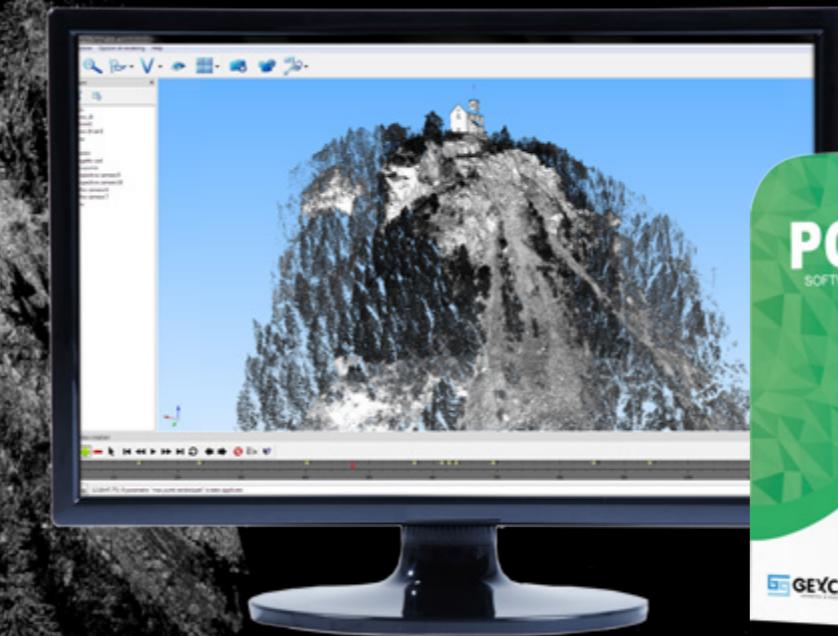


# POINTR<sup>3</sup>

EASY . USEFUL . LIMITLESS





## OVERVIEW

PointR<sup>3</sup> is the software to easily work on point clouds dataset without limits.

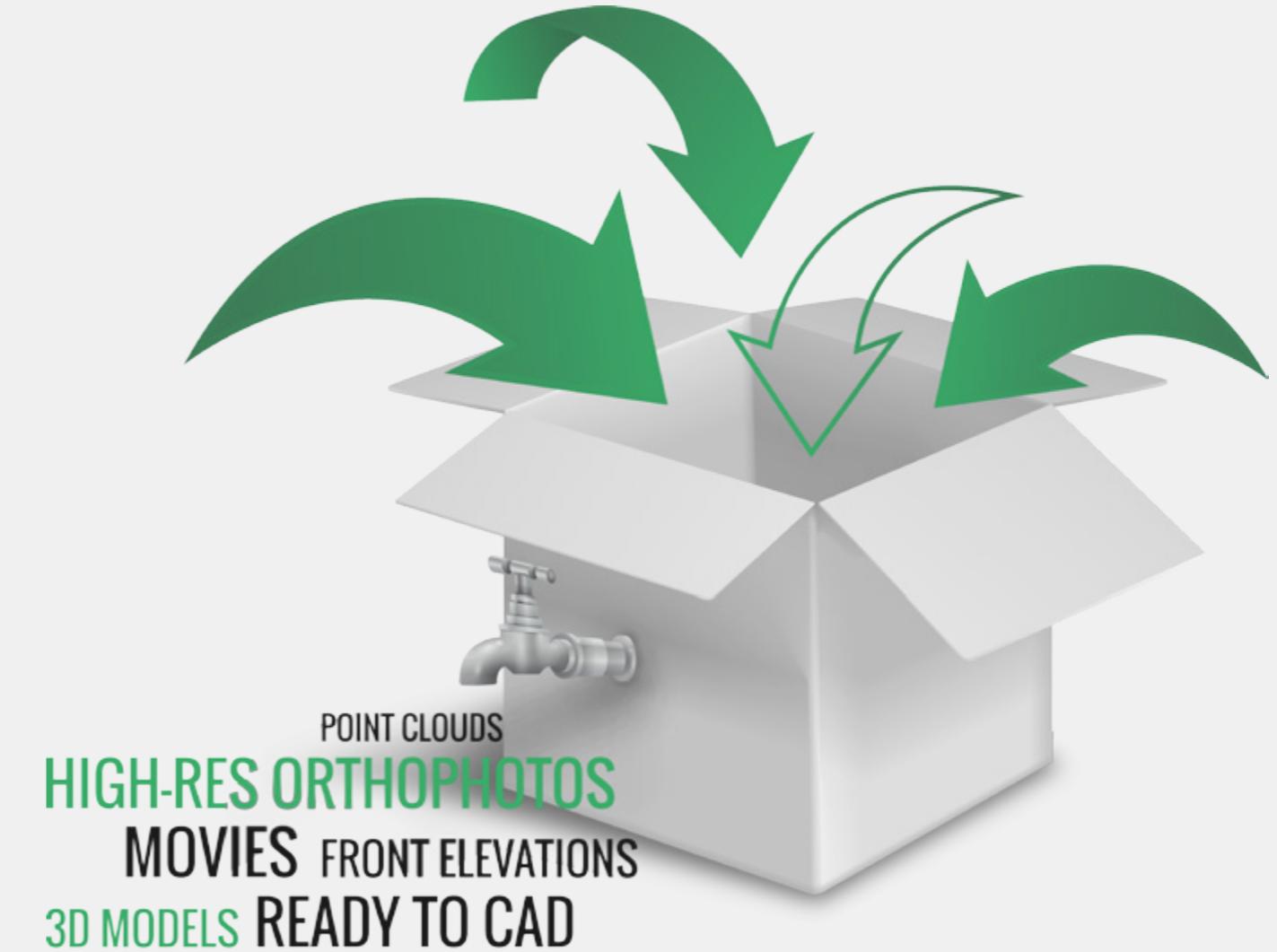
Designed to manage massive/no limits, multi-resolution and multi-lidar sensors data in one single platform, from a wide range of point clouds and meshes formats (from mobile to terrestrial and airborne).

With PointR<sup>3</sup> you can fastly navigate in your point cloud, add new project, without limitation, and daily update your work.



## MAIN INDUSTRIES

ARCHITECTURE	CONSTRUCTION	EDUCATION	HERITAGE
DISASTER MANAGEMENT	MINE & TUNNEL	SONAR & BATHIMETRY	GEOPHISIC



## BEST QUALITIES

### LIMITLESS DATASETS

MANAGEMENT AND NAVIGATION OF HUGE 3D POINT CLOUD MODELS FROM TERRESTRIAL, MOBILE, AIRBORNE SCANNERS ALSO WITH UAV.

### MULTI RESOLUTION

HANDLING OF 3D UNLIMITED POINT CLOUDS COMING FROM LIDAR DATA, 3D SENSORS AND PHOTOGRAVIMETRY.

### OBJECTS CLASSIFICATION

VISUALIZATION OF POINTS WITH HEIGHT AND DISTANCE MAP COLORIZATION.

### USER-FRIENDLY INTERFACE

FEW BUTTONS, INTEGRATED WORKFLOWS AND SELF-EXPLAINABLE WIZARDS FOR DATA PROCESSING.

### HI-RES ORTHOPHOTO

SPECIAL TOOL TO CREATE IMAGES READY TO BE DIRECTLY EXPORT TO CAD.

### EASY OUTPUT EXTRACTION

FRONT ELEVATIONS, PLANT VIEW, VOLUME CALCULATION, HI-RES ORTHOPHOTOS IN A FULLY CAD COMPATIBLE FORMAT.



## TECHNICAL DETAILS

### IMPORT

- All the main 3D lidar scanner raw data formats
- 3D points in standard formats from 3D imaging sensors
- 3D mesh models
- JRC 3D Reconstructor® projects
- Trajectories
- GNSS/GPS/UTM points coordinates
- Format included: 2D and 3D dxf, e57, stl, ply, obj

### EXPORT

- Point clouds (e57, txt, pst, laz, las, rgp)

### SYSTEM REQUIREMENTS

- OS: Windows® (XP SP2, Vista, 7, 8, 10)
- Version: 64 bit
- CPU: multi-core processor (8 Cores at least)
- Graphics card: NVIDIA® GeForce FX and onwards
- RAM: 16 GB

### OUTPUT

- Hi-Res orthophoto images importable in CAD
- Fly-through videos in standard formats with large dataset
- Point clouds in different formats
- Planarity maps
- Front elevations
- Plans
- 3D models
- Volume computation (open pit mines, lake basins, valleys, etc.)
- Linear distances
- Annotations and coordinates

### MARKETING INFORMATION

- LANGUAGES: English, Italian
- LICENSING SYSTEM: USB dongle key
- TRIAL: 15-day evaluation. All functions available. Saving locked. On [www.gexcel.it/en/download](http://www.gexcel.it/en/download)
- EDUCATIONAL OFFER: Available with full capabilities



## CONTACTS

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