

POINTR³

EASY . USEFUL . LIMITLESS



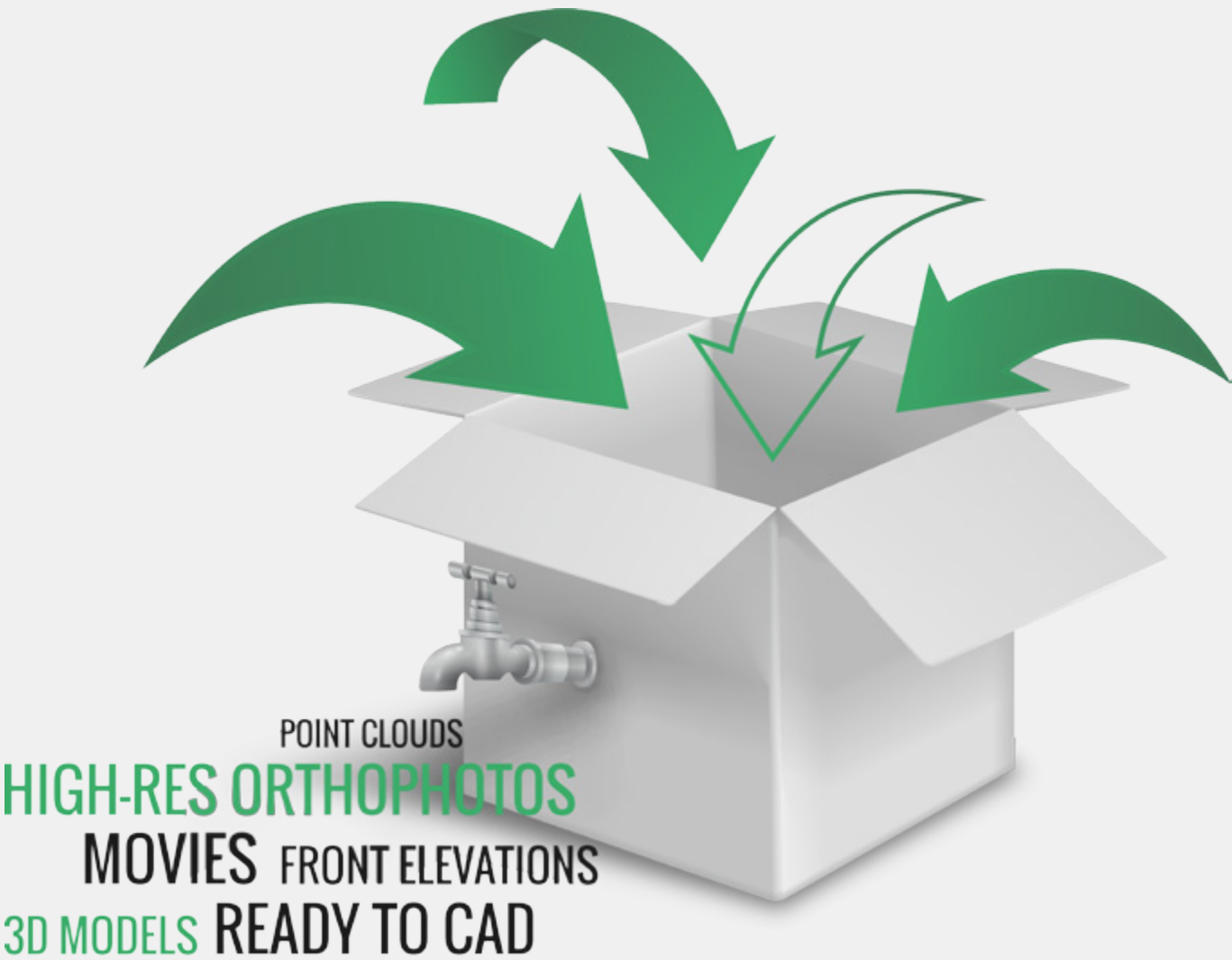
OVERVIEW

PointR³ 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 PointR³ 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 PHOTOGRAMMETRY.

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

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

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

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
- EDUCATIONAL OFFER: Available with full capabilities



CONTACTS

phone: (+39) 030 65 95 001

fax: (+39) 030 65 95 020

e-mail: info@gexcel.it | sales@gexcel.it

web: www.gexcel.it



© Gexcel Srl. All the Gexcel's trade names are registered trademarks and all rights are reserved.
Other trademarks and trade names are those of their respective owners.