

The 100% Customizable and Efficient Solution for Processing Your Geospatial Data

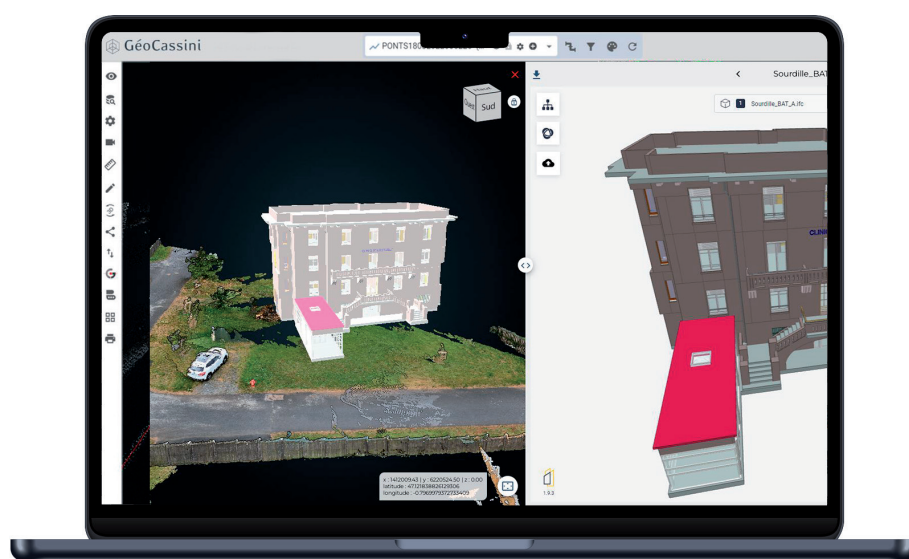


e-cassini

An Eco-Friendly Comprehensive Solution

We created GeoCassini based on a simple observation: no existing software solution provided a comprehensive answer to the needs of BIM and 3D modeling. Indeed, between digital twins, interoperability, collaborative work, and data exchange, there was a need for an efficient solution that addressed these various challenges.

The GeoCassini platform was born, with its all-in-one approach, to manage and leverage your geospatial data, to combine multiple files into projects, and to allow all project stakeholders to view and edit this data.



GeoCassini received the 'Solar Impulse Efficient Solution' label in February 2021, focusing on both environmental sustainability and profitability.

This label serves as evidence that a specific technology is environmentally friendly and financially viable. Evaluated by independent experts, the 'Solar Impulse Efficient Solution' label is a credible quality assurance for decision-makers within companies and governments. It will facilitate the introduction of new technologies and products to the market in order to expedite their implementation.



The only 100% web-based platform accessible in SaaS mode dedicated to the storage, management, exploitation, updating, and exchange of all your data describing space and its contents.

This mission has naturally led us to create a community of partners, whether they are data producers, civil engineers, or developers of specific algorithms. The result is an independent multi-SaaS solution that regularly incorporates technological innovations made available to subscribers.



DATABASE

Harness all your data in the cloud.

Whether it's 3D point clouds, 360° photos, CAD (dwg, dgn...), Shape, Mesh, EDM, QGIS, IFC object, digital model, orthophoto...

Our database solution allows you to safely leverage your data.

Unlimited Storage

Directly from an internet-connected PC.

Ease of Operation

DataBase is operable by any connected software (cloud or desktop).

Simplified Project Management

The database can be shared directly with any user or group.

Data Accessibility

The loaded data is directly visible to dedicated viewers.

Data Traceability

Doubly ensured by storage classification and loading-associated traceability information.



DOWNLOAD

- Group file uploads
- Merge '.las' file uploads



VISUALIZE/NAVIGATE

- BIM objects
- Digital models
- Orthophotos
- Camera walkthroughs as BIM objects and/or point clouds



SEND MESSAGES

- To those who share the same directory and/or file



GEOLOCATE

- Your directories
- Your files
- Your archives



Data Association

Create a project and associate any type of data from DataBase on which you want to work.

Infinite

The same data can thus be leveraged without limitations.

Instant Update

The data is updated instantly as soon as you make changes in Project or DataBase.

Availability

Your projects are always available in your client space.

PROJECT

Create projects for all your needs.

A project gathers all the operational information you work on.



MOVE/DUPLICATE

- Any BIM object
- Any digital model



IMPORT AND DRAW

- On orthophotos



DRAWING AND MEASURING

- On the Map (distances/areas)
 - Profile volume calculation
- Examples of calculations and measurements: angles, coordinates, distances, heights, slopes, areas, volumes...



IMPORT/VISUALIZE/MOVE

- BIM objects
- Digital models
- Orthophotos
- And georeference camera shots



OPEN DATA

- Access all Open Data (network infrastructures, etc.)



SEND MESSAGES

- To those who share the same directory and/or file





MARKETPLACE

Add Value to Your Data

Use MarketPlace to enhance your data, develop high-impact, local, and innovative markets, create new offers/uses, and more.

Create New Opportunities

Via new offers or new uses for your data!

Publish and market the data produced and/or stored in Database.

With MarketPlace, you can make your data and projects public and market them.

Publishing includes the traceability elements captured during the upload and enables you to connect with the owner of this data: point clouds, digital models, panoramic photos, topographic plans, GIS.

Suggest your own solution to the e-Cassini community using GeoStore.

GeoStore is the open program of GeoCassini, available to any application developer who wishes to:

- Utilize the data from the e-Cassini DataBase (with the consent of its owners)
- Harness the power of the GeoCassini application
- Promote their own solution within the e-Cassini community.

GeoStore caters to both industry-specific solution providers and artificial intelligence algorithm developers. It is centered around the utilization of GeoCassini's Rest API library.

Revolutionize your data acquisition.

Revolutionize your data acquisition.

- Connect with our network of industry partners available for mobile mapping or drone services
- Harness satellite data directly within GeoCassini
- Use your mobile phone or any camera to generate colored 3D point clouds
- Leverage Open Data HD lidar

Bringing Together Skills

Since its launch in 2018, GeoCassini has brought together visionary energies. The e-Cassini partner community continually expands with new talents and skills.

Business Partners

Specialist engineers of production and geospatial data processing



Technological Partners

Developers of innovative applications dedicated to geospatial data management



Distribution Partners

Companies, primarily foreign, engaged in the marketing of the GeoCassini solution



Expert Testimonials



"LBP ETUDES ET CONSEIL has been using the GeoCassini solution for several years. This solution has allowed us to make a significant shift in 3D data management. It serves as an obvious storage solution for both us and our clients. Moreover, it stands out for its interoperability with our clients and their partners."

Laurent POUJADE
Expert Land Surveyor Managing Partner
LBP ETUDES ET CONSEILS



"The SaaS platform allows our engineers to more easily manipulate point clouds and integrate them with other types of data (GIS, BIM, field data, etc.). GeoCassini's great strength is having brought together an ecosystem of partners that provide access to 'turnkey' solutions directly from the platform."

Alexis MARIANI
Deputy General Manager for Cities and Territories at Setec



"We have become technological partners, and TCP solutions for automated 3D LIDAR data processing are now accessible through GeoCassini. With the snap of a finger, our clients can launch our algorithms and receive results directly on the platform. This represents a significant gain in terms of productivity and user-friendliness!"

Andrés SERNA
Founder & CEO The Cross Product



"GeoCassini allows us to aggregate GIS data and their environment through immersive visualization of all LIDAR data. GeoCassini also enables simplified Class A data updates through video surveys of our structures (converted into point clouds) using a smartphone or a GoPro-type camera during open trench construction phases."

Julien LELIEVRE - Sanitation Network Expert
DTF - Veolia France Operations Department

Subscriptions

		FREE				FREE	
	FUNCTION	GEOFREE	DATABASE	PRO	EXPERT	GEOPUBLIC	INFINITE
DATABASE	Upload		•	•	•	Optional	•
	Download		•	•	•	•	•
	Exchange		•	•	•	•	•
	View		•	•	•	•	•
PROJECT	VISUALIZE:						
	Document Management, Layers, Point Cloud, Models, Mesh, Orthophotos, Virtual Tour, Profile	•	•	•	•	•	•
	Measure	•	•	•	•	•	•
	Volume Calculation			•	•	•	•
	Print	•	•	•	•	•	•
	Open Data	•	•	•	•	•	•
	Share			•	•	•	•
	GED						
	Visualize	•	•	•	•	•	•
	Manage			•	•	•	•
	DRAW						
	Draw in layers			•	•	•	•
	Draw with coding			•	•	•	•
	Draw from profiles			•	•	•	•
	Import Export DXF, SHP...			•	•	•	•
	DIGITAL MODEL AND MESH						
	Manage				•	•	•
	Visualize	•	•	•	•	•	•
	GeoStore				•	•	•
ADMINISTRATION	White Label				•	•	•
	Access the API				•	•	•
	Make Algorithms available in the GeoStore				•	•	•
	Manage clients				•	•	•
	Create "Free" users				•	•	•
	Create "GeoPublic" users						•
	Create paying users with advantageous rates						•



Disruption and Innovation



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