CHCNAV

Geospatial

CoCloud

Cloud-Based 3D Processing & Application Platform



Powerful Cloud-Based 3D Platform

CoCloud is a cloud-based 3D processing, visualization, and application platform that enables users to upload captured data and automatically generate professional 3D deliverables in the cloud.

From capture to delivery, CoCloud supports point clouds, orthophotos, 3D models, and 3D Gaussian Splatting without requiring high-performance local computers or complex processing software. Integrated online tools support measurement, annotation, volume calculation, multi-temporal comparison, and collaborative sharing.

With automated cloud processing, intelligent 3D applications, open APIs, and on-premises deployment options, CoCloud helps organizations transform spatial data into actionable digital assets for surveying, construction, mining, inspection, emergency response, and facility management.



Key feature

Fully Automated
Upload field data and automatically generate 3D deliverables through cloud-based processing.

Collaboration & Sharing
Access, inspect, annotate, and share 3D data across multiple devices.

Powerful Rendering
High-definition online visualization of point clouds, mesh models, panoramas, and 3D Gaussian Splatting.

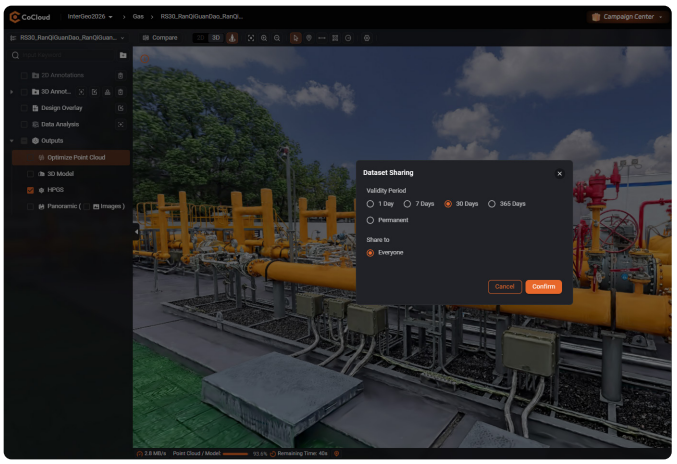
Open Ecosystem
Flexible APIs and on-premises deployment support integration with existing business systems.

Fully Automated Workflow



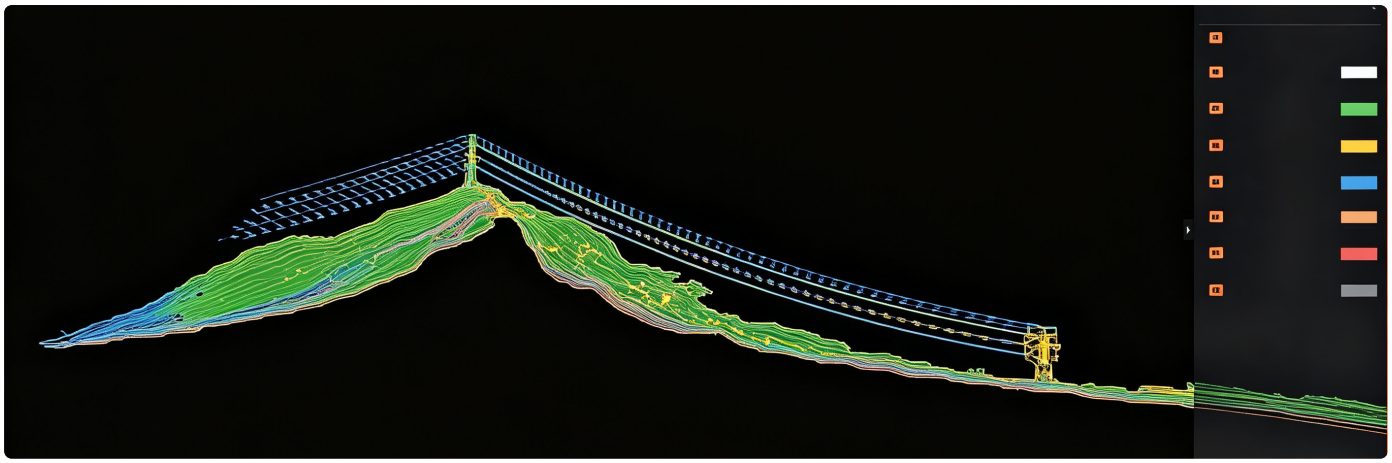
Upload data directly from the field and automatically process it in the cloud. Generate 3D deliverables without high-performance local workstations, complex software setup, or extensive manual processing.

All-in-One Spatial Platform



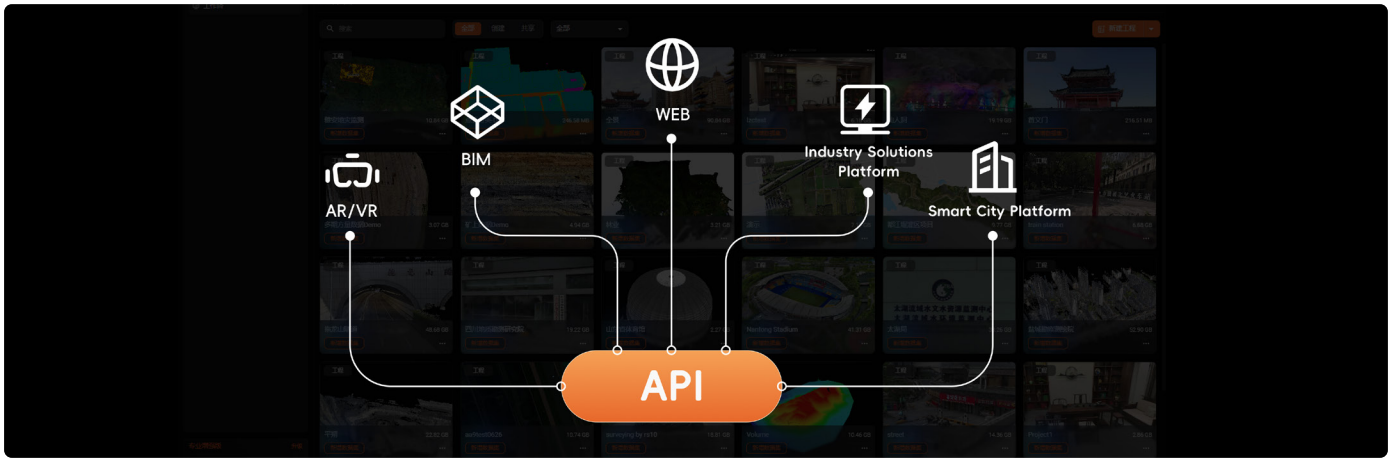
Turn 3D deliverables into interactive digital environments for visualization, measurement, annotation, asset management, and collaboration. Multi-device access enables teams and stakeholders to work with the same spatial data wherever they are.

Intelligent Industry Applications



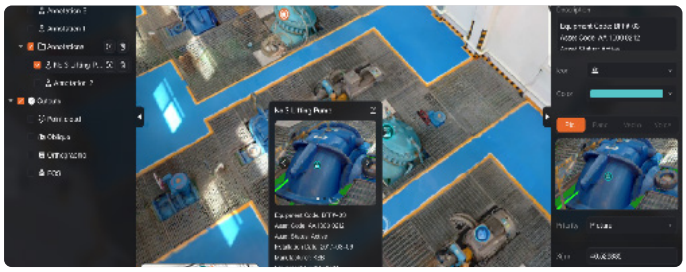
Built-in algorithms support workflows such as volume calculation, point cloud classification, and multi-temporal comparison, simplifying advanced spatial analysis and making professional 3D applications accessible to more users.

Open Integration & Deployment



Comprehensive APIs enable CoCloud to connect with existing enterprise and industry platforms. Flexible cloud and on-premises deployment options support different requirements for integration, data management, and security.

Use Cases



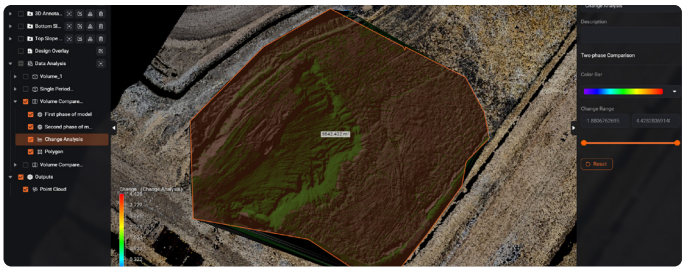
Facility & Asset Management



Stadium Safety Planning



Cultural Heritage Digitalization



Mining & Construction Sites

SPECIFICATIONS

▶ Compare Cocloud plans

Feature	Free plan	Basic	Advanced
Output Data Management	√	√	√
Different Data Format Import/Export	√	√	√
Annotation And Measurement	√	√	√
First/Third Person Viewing (Point Cloud, Mesh, Panoramic, GS)	√	√	√
Output Data Download	√	√	√
LiDAR Data Processing	√	√	√
Photogrammetry Data Processing	√	√	√
Dataset & Timeline Management	√	√	√
Member Management	√	√	√
Report	√	√	√
3D Mesh	√	√	√
Gaussian Splatting	√	√	√
Volume Calculation & Comparison			√
Additional Storage	10 GB	200 GB	1000 GB
Project Create Limit	/	5	Unlimited
Member Quantity Limit/Project	/	5	Unlimited
Processing Resources (every month)	/	600 Images or 2h LiDAR capture data	2400 Images or 8h LiDAR capture data
Language Support	English, Chinese, French, Russian, Japanese, Korean		
Server Location	Germany,Japan,United States		
LiDAR Support	CHCNAV RS7, RS10, RS10 (32-line), AA6, AA9, AA10		
Aeria Image Support	Standard Ortho And Oblique Camera		

***Specifications are subject to change without notice.**

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