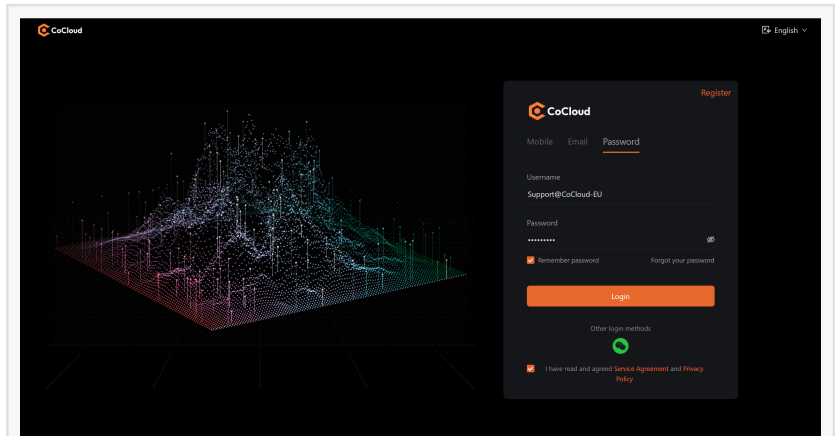# CHC Navigation Introduces CoCloud: A Cloud-Based Platform for Efficient 3D Data Processing and Collaboration

CHCNAV launched CoCloud, a cloud-native platform for 3D data processing, enhancing collaboration and reducing hardware needs for geospatial professionals.

SHANGHAI, CHINA, June 30, 2025 /EINPresswire.com/ -- CHC Navigation (CHCNAV), a global provider of geospatial solutions, today announced the launch of CoCloud, a comprehensive cloud-native platform designed for 3D data processing, management, and collaborative

CHCNAV Cocloud Cloud-Based 3D Data Processing and Management Software

analysis. CoCloud offers robust tools for handling multi-source 3D data, facilitating streamlined workflows from data acquisition to deliverable creation without requiring local hardware investment.

Simon Wu, Director of Geospatial Software at CHC Navigation, commented, "CoCloud represents a significant advancement in how professionals handle 3D spatial data. By moving complex processing operations to the cloud, we've created a solution that not only reduces hardware requirements but also streamlines workflows and enhances team collaboration across multiple projects and locations."

Powerful Cloud Processing Engine
CoCloud features an advanced photogrammetry engine that efficiently processes multi-source data including aerial imagery and LiDAR scans. The platform generates high-quality digital orthophotos, point clouds, and OSGB models with professional-grade precision.

Streamlined Collaboration and Workflow
Designed to foster teamwork, CoCloud provides tools for online data visualization, sharing, and real-time collaboration on tasks like volume calculations and point cloud editing. Its intuitive, user-friendly interface makes sophisticated 3D data operations accessible without extensive

specialized training, supporting efficient project execution. The platform supports various data formats and offers functionalities like dataset and timeline management.

Flexible Integration Options
CoCloud is built for adaptability, offering API access and private deployment options. This flexibility allows for integration into existing client systems and supports customized workflows, from initial data collection through to final application delivery, ensuring that organizations can tailor the platform to their specific operational requirements.

Distributed data centers
Our distributed data center infrastructure in Germany and Ireland enables localized storage and processing of user data. Both facilities strictly comply with the EU's General Data Protection Regulation (GDPR), ensuring full lifecycle compliance from data collection and transmission to storage.

About CHC Navigation
CHC Navigation (CHCNAV) develops advanced mapping, navigation and positioning solutions designed to increase productivity and efficiency. Serving industries such as geospatial, agriculture, construction and autonomy, CHCNAV delivers innovative technologies that empower professionals and drive industry advancement. With a global presence spanning over 140 countries and a team of more than 2,000 professionals, CHC Navigation is recognized as a leader in the geospatial industry and beyond.
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