GeoCloud Drive

Share. Collaborate. Be sure.

Embrace field to office connectivity

GeoCloud Drive is a data transfer and storage service providing flexible access to your data. It is part of HxGN GeoCloud, a cloud-based collaboration portal powered by HxDR, Hexagon's cloud-native platform for geospatial solutions at any scale.

Simplify data and project management

GeoCloud Drive comes with a Web App for file- and project management. Create and conveniently oversee all ongoing and past projects. Upload data from your PC to the project and easily manage your folder structure.

Save time, reduce errors

Access and transfer data with GeoCloud Drive using Leica Geosystems field software. Use the Desktop Synchronisation App to instantly access cloud data locally for use with office software like Leica Infinity. Verify data in the office while crews are still on site, ensuring confidence and peace of mind.
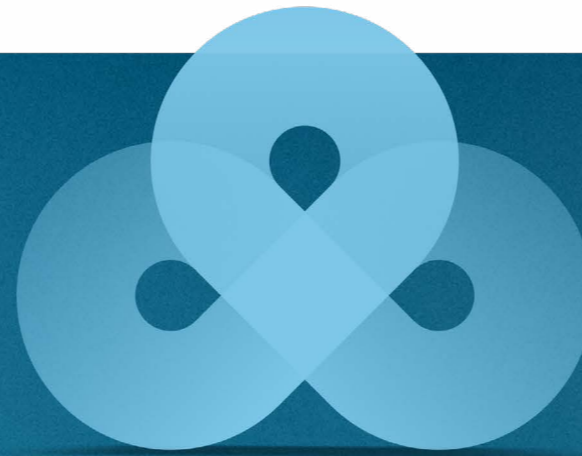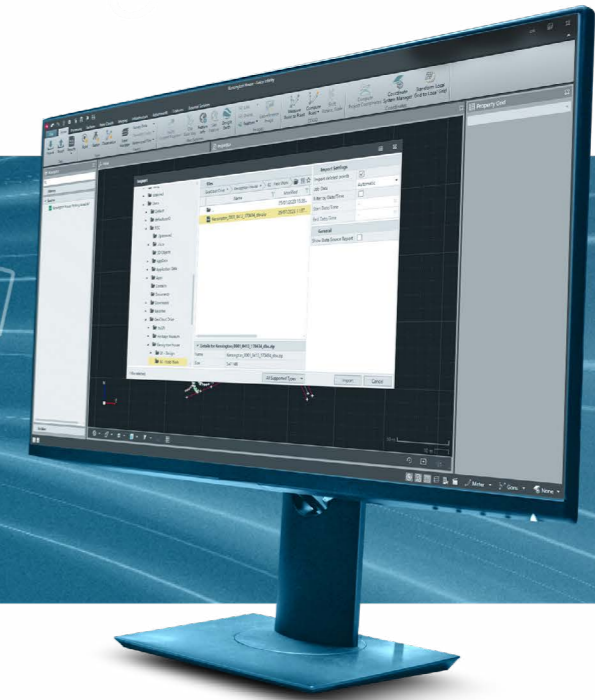
Field Software

GeoCloud Drive

Windows Office Software

Leica field software integration

Cloud-based data storage and transfer

Office software of your choice like Leica Infinity

Web App - Technical Facts		
Project Administration Features	Project Management	• Create an unlimited number of new projects • Edit the cover image of a project • Upload a cover image for a project • Rename a project • Remove a project
	Project Membership Administration	• Add and remove project members • Leave a project (in case you are not the owner of a project)
File Manager Features	File Operations	• Upload file • Rename file • Remove file • Copy file
	Folder Operations	• Create folder • Upload folder • Rename folder • Remove folder
Supported Web Browsers	• Microsoft Edge • Google Chrome	

Desktop Synchronisation App - Technical Facts			
Features	• Cloud storage integration into the Windows file system • Constant synchronisation of the folder structure with the cloud service • Download files on-demand • Use files directly with Windows office software like Leica Infinity		
Installation Details	• Manual installation via executable (installation per user)		
System Requirements	Operating System	Windows 10 64-Bit (21H2) or Windows 11	
	Hardware Requirements	Minimum	Recommended
	CPU	2x 1.5 GHz	2x 1.5 GHz
	RAM	4GB	8GB
	Disk Storage	500 MB + Storage for files	500 MB + Storage for files

Leica Captivate & Leica iCON Field Software Integration*	
Features	• Download and upload jobs, user objects and data files • Browse project folders to download files and select locations for upload • Automatic zipping of jobs before the upload to ensure efficient data transfer • View status of file transfers and solve transfer conflicts

*Leica Captivate: Available from version 8.10 onwards. Leica iCON build & Leica iCON site: Available from version 8.00 onwards. The GeoCloud Drive service can be used in Leica field software without any additional licence.

Security	
Encryption for data in transit	TLS 1.2/1.3
Encryption for data on cloud storage	AES-256
Data server location	Ireland
User server location	Germany (Frankfurt), France (Paris)
Authentication & Authorization method	OIDC / OAuth2
Two-factor authentication (2FA)	(optional) TOTP via an authenticator app
RTO (Recovery Time Objective)	<24h
RPO (Recovery Point Objective)	24h
Recovery of single files	24h
External security assessment (Penetration tests)	Performed regularly by an external company

Customisable GeoCloud Drive 1 year plans	
GeoCloud Drive Subscription	• Yearly subscription for a cloud storage on HxGN GeoCloud. The subscription includes 25GB storage and 1 user
GeoCloud Drive add User Subscription	• Yearly subscription to extend cloud storage on HxGN GeoCloud by 1 user and 25GB storage
GeoCloud Drive add Data Subscription	• Yearly subscription to extend cloud storage on HxGN GeoCloud by 100GB

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HEXAGON

Hexagon is a global leader in digital solutions that improve productivity and quality for manufacturing, infrastructure, safety and mobility applications. We create Smart Digital Realities™ that empower the future of autonomy across production and urban ecosystems.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us @HexagonAB.