

GeoCloud Protect

Advanced protection for advanced solutions.

GeoCloud Protect is your Leica TS20's digital surveillance, delivering cutting-edge theft deterrence that's as advanced as your instruments. It combines remote locking and real-time tracking to make stolen equipment inoperable and remove its resale value after theft. By reducing theft and increasing recovery rates, GeoCloud Protect keeps your equipment safe, your business running, and your mind at ease. The GeoCloud Protect service is seamlessly integrated into the new GeoCloud Fleet portal, enabling users to access its location and theft deterrence features directly from their phone or office.



Reliable, real-time device tracking

GeoCloud Protect offers reliable positioning for your TS20 total stations through GNSS, Wi-Fi and Cellular (limited to LTE). Track all devices on a map, receive live updates by the minute, and export exact addresses and Google Maps locations for sharing.



Security and theft deterrence

With the GeoCloud Fleet web or mobile App, you can remotely lock and unlock your total stations, making them unusable even when powered off. In the unfortunate event of theft, you can report your total station as stolen, triggering more frequent location updates to aid in its recovery.



Robust movement alert system

Receive immediate movement alerts via email or push notifications on your smartphone if your device is moved, enhancing recovery chances. Access and export complete location history for your total stations, helping authorities with map locations and cross-reference surveillance footage to identify thieves and recover equipment.

Web and mobile App functionalities

GeoCloud Fleet	Web App	Mobile App
Company account management	✓	✗
User management	✓	✗
Device management	✓	✗
GeoCloud Protect*		
Remote locking / unlocking	✓	✓
Stolen mode	✓	✓
Flight mode	✓	✓
Movement alerts	✓ (via push emails)	✓ (via push notifications)
Real-time indoor and outdoor location tracking	✓	✓
Start / pause location tracking	✓	✓
Location history	✓	✗

* GeoCloud Protect functionalities are available for devices with an active subscription.

Web App requirements

Supported web browsers: Microsoft Edge, Google Chrome

Supported display resolution: minimum [1280, 720]

Mobile App requirements

Android: 10 or later

iOS: iPhone iOS and iPadOS: 13.0 or later

Security

Encryption for data in transit	TLS 1.2/1.3
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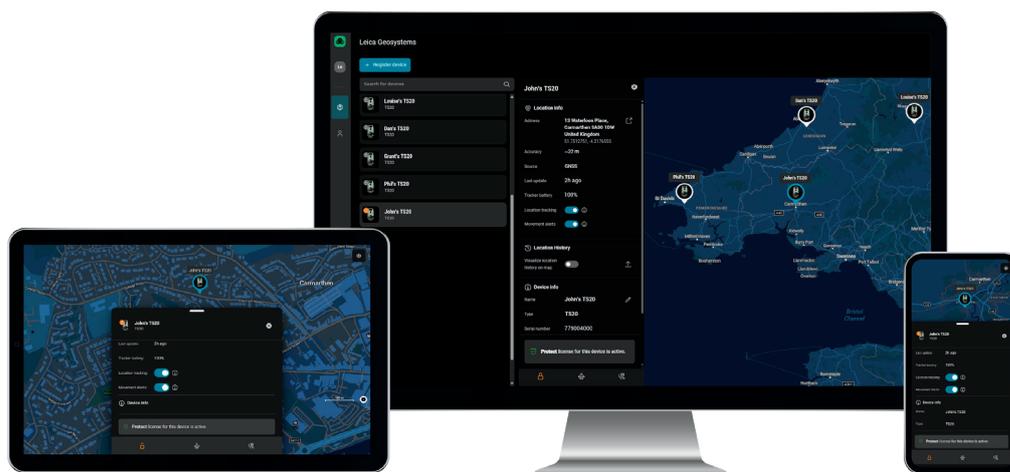
Data server location	Ireland
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Authentication & authorisation method	OIDC / OAuth 2.0
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External security assessment (penetration tests)	Performed regularly by an external company
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GeoCloud Protect subscription plans

GeoCloud Protect subscription 1yr	Yearly auto-renewing subscription that allows the GeoCloud Protect service to be used on a single device with a GMI01 device. GeoCloud Protect is a theft deterrence service that allows the remote locating of the total station and the locking of the field software on that total station.
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Create your account for free on the **GeoCloud Fleet portal** and register your TS20 to access GeoCloud Protect.



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