

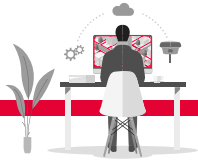


Leica Captivate

Datasheet

Leica Captivate field software gives surveyors the flexibility to take on different measurement tasks in one familiar environment. From collecting, viewing and sharing data to working with 2D views and 3D models, Captivate supports the way surveyors work across Leica GNSS smart antennas, total stations and MultiStations. Industry- and task-focused apps make it possible to adapt the solution to specific jobs and requirements,

while technologies such as AP20 AutoPole support more flexible ways of working in the field. Support for industry-standard formats and connected services, including Hexagon GeoCloud, helps data flow between field and office and supports collaboration across surveying workflows.



Prepare & connect

Integrated GeoCloud Drive data services, supported industry data formats, and easy-to-use visualisation and preparation tools combine to ensure you are ready for any measurement task with the latest project data and insights.

Measure & stake

Measure easily and effectively with powerful coding, advanced collection, customisable displays, and 3D visualisation. Stake points, surfaces, lines, and alignments faster with clear graphical and audible guidance, automated routines, and tailored workflows.

Process & report

Onboard computations, real-time comparisons, and data analysis allow you to create results in the field. Create quality assurance and project documentation with reports for all apps, data, and tasks.

Share & deliver

Create deliverables in one of the predefined formats, or present your data your way with customisable stylesheets. Share data, exports, and reports at any stage using GeoCloud Drive to deliver high-quality results.

Leica Captivate software

Features	
Stunning 3D viewer (Captivate 2027 & v12)	- Visualise and interact with measured, imported, and control data from multiple sources - View live stream imagery from a camera feed or WMS with data overlay. - Full 3D view control (including zoom, pan, orbit, windowing, and profile views)
Consistent user interface (Captivate 2027 & v12)	- Swipe and tap to switch jobs, choose apps, and interact with the software - Customise your views, options, and home-screen - System-wide fluid transitions, animations, and graphical assistance
Clear status information (Captivate 2027 & v12)	- Real-time status information always displayed - Additional information and common functions available with a simple tap - Important information and updates flagged directly on screen
Project management (Captivate 2027 only)	- Utilise projects to organise and keep all related jobs and data together and available whenever needed - Assign project meta data, including a coordinate system and codelist, to ensure that all project data remains compatible - Create, manage, import, and export projects, allowing easy data sharing, the creation of back-ups, and to encourage both online and offline collaboration
Synchronisation of collaborative projects (Coming soon for Captivate 2027)	- Work collaboratively on projects through connected, cloud-enabled workflows - Access and work with the same shared project data directly from the field, via Leica Infinity, and via Hexagon GeoCloud
Job and data management (Captivate 2027 & v12)	- Create, manage, import, export, and send jobs quickly and easily - Support of common and specialised formats (including IFC models, DWG/DXF, XML, ASCII) - Easy snapping tools that allow you to work directly with data from CAD and IFC files - Create custom exports with stylesheets to deliver data in virtually any style

Features	
Online connectivity and extensive assistance (Captivate 2027 & v12)	- Utilise internet connectivity to offer data transfer, GNSS corrections, and customer support. Including GeoCloud Drive, Leica ConX, BIM 360 Docs, FTP, WMS, WFS, Hexagon SmartNet, and Active Assist - Over 50 “how-to” videos, self-paced online training, worldwide support, and local quick guides
Fully control the work method and quality (Captivate 2027 & v12)	- Settings to allow full customisation of how you work and what you see, including the ability to define measurement style, onscreen information fields, data visibility, and limits - Fully customisable quality parameters to ensure all work fits the required standard
Variety of sensors and collection routines (Captivate 2027 & v12)	- The same user interface is used for Leica Viva and Nova total stations, MultiStations, and GNSS sensors - Collect data with any supported/connected sensor and utilise a range of efficient and effective data collection routines, such as auto points, offsets, hidden points, GS Visual positioning, and MultiStation scanning
Powerful coding and linework (Captivate 2027 & v12)	- Extensive coding and linework options to allow CAD ready data to be collected directly in the field (including auto coding, multi coding, lines, splines, arcs, circles, rectangles, and offset lines)
Extensive stake routines (Captivate 2027 & v12)	- Stake points, lines, DTMs, or alignments (directly, with offsets and with multiple elevations) - Clear and customisable 2D, 3D, or directional-based stakeout graphics and instructions - Stake “the way you want to” with customisable display fields, easy selection, and optional automatic behaviour
Advanced GNSS Visual Workflows (Captivate 2027 only)	- Experience Visual Stakeout, combining stake information with the GNSS sensor’s live camera image for more intuitive navigation. - Use Visual Verification to overlay measured data on the live camera image, allowing you to verify captured points before leaving site. - Visualise design data directly within the live camera view to better understand site conditions and make informed decisions in the field.
In-field computations (Captivate 2027 & v12)	- COGO options including inverse, intersection, and area division, live in the 3D viewer - Live surface and volumes computations (including 3D point cloud data), plus a powerful shift, rotate, and scale routine - Inspect Surface routine to compare surfaces against each other, point clouds, models, or designs
Additional common apps (Captivate 2027 & v12)	Alignment Editor, Determine Coordinate System, GS Base Setup, Hidden Point, Measure Foresight, Measure Sets, Quick Ground, Rail, Reference Plane, Road, TS Setups (including known backsight, set orientation, resections, height transfers and auto setup), Traverse and Tunnel
Plus much more... (Captivate 2027 & v12)	Additional “localised” apps and tools from a worldwide network of software development centres including Compaction Control, Inventory, Pipeline, Seismic Stakeout, Stakeout Auto Points, TPS Monitoring, TPS Survey Streaming, and Trig Levelling

* Please see your local Leica Geosystems representative for a full explanation of available features, tools, and apps

Device category	Supported devices
Devices on which Leica Captivate 2027 is accessible	Controllers and Tablets: Leica CS30, CS50, CC180, CC200 Total Stations: Leica TS20 Other Windows tablets/PCs: Devices fulfilling the minimum requirements of OS Windows 10/11 64 bit, Dual Core Processor 1.1GHz up to 2.4GHz, Memory 4GB RAM, 64 GB eMMC storage, and Bluetooth v4.2 (tested and verified devices include Leica iCON tablets, Getac T800 G2, and Juniper Mesa 3)
Devices supported by Leica Captivate 2027	GNSS Sensors: Leica GS05, Leica Viva GS10/16/25, and Leica GS18 Total Stations and MultiStations: Leica FlexLine manual total stations, Leica TS13/16/20, and Leica Nova TS/MS60 Support for additional Leica total stations and GNSS sensors is available when Captivate 2027 is used on a supported Windows tablet or PC.
Devices on which Leica Captivate v12 is accessible	Controller: Leica CS20 Total Stations and MultiStations: Leica FlexLine TS10, Leica TS13/16, and Leica Nova TS/MS60
Devices supported by Leica Captivate v12	GNSS Sensors: Leica GS05, Leica GS07/08plus, Leica Viva GS10/14/15/16/25, and Leica GS18 Total Stations and MultiStations: Leica FlexLine manual total stations, Leica TS13/16/20, Leica Viva TS11/15, Leica Nova TS50/60, Leica Nova MS50/60, and numerous legacy Leica total stations and selected 3rd party manual total stations

* Please see your local Leica Geosystems representative for a full list of supported sensors/equipment



With more than 200 years of history, Leica Geosystems, part of Hexagon, is the trusted supplier of premium sensors, software, and services. Delivering value every day to professionals in surveying, construction, infrastructure, mining, mapping, and other geospatial content-dependent industries, Leica Geosystems leads the industry with innovative solutions to empower our autonomous future.

Learn more at leica-geosystems.com

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,800 employees in 50 countries and net sales of approximately 5.4bn EUR.

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