Leica Captivate
Datasheet

Leica Captivate is a **user-friendly, versatile** and **customisable surveying field software**, designed to tackle any measurement task. It is the best companion for a variety of measurement instruments including MultiStations, Total Stations, and GNSS receivers.

Measuring, viewing, and sharing data is completed in one all-encompassing field software. Based on **easy-to-use touch technology, clear 3D data visualizations**, and a vast, ever growing, library of workflow focused **familiar apps**, Leica captivate guarantees informative data insights and effective data usage across diverse workflows, industries, and applications.

Leica Captivate not only **enhances the efficiency of data creation and data understanding**, it also **embraces collaboration** by supporting industry-standard formats and the sharing of data via numerous cloud services.

LEICA CAPTIVATE SURVEYING FIELD SOFTWARE
Measurement professionals all over the globe use Leica Captivate daily to complete their project tasks. According to them, some of the main highlights of the software are:

- **Powerful coding:** collecting informative data quickly and easily with easy coding routines**.**
- **Easy staking:** fast and efficient staking due to easy data selection and clear navigation graphics.
- **Practical 2D & 3D viewer:** understanding data with clear and interactive visualisation in 2D and 3D.
- **Informed at all times:** feeling informed and reassured with status information always present on the screen.
- **Fits your needs:** you can easily customise the software through configurable display settings and definable shortcuts.
- **Apps tailored to your work requirements:** being able to tackle anything due to numerous and various of workflow targeted apps.

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- when it has to be **right**

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Leica Captivate Software

FEATURES

Stunning 3D viewer	• 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	• 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	• Real-time status information always displayed • Additional information and common functions available with a simple tap • Warnings, notices, information, and updates flagged directly on screen
Job and data management	• Create, manage, import, export and send jobs quickly and easily • Support of common, and specialised formats (including, but not limited to, IFC models, DWG/DXF, XML, ASCII) • Create custom exports with stylesheets to deliver data in virtually any style
Online connectivity and extensive assistance	• Utilise internet connectivity to offer data transfer, GNSS corrections and customer support. Including (but not limited to) Leica Exchange, Leica ConX, BIM 360 Docs, FTP, WMS, WFS, Hexagon SmartNet, and Active Assist • Access to over 50 "how-to" online videos, self-paced online training, worldwide support and local quick guides
Fully control the work method and quality	• 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	• The same user interface is used to work with 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 and scanning
Powerful coding and linework	• Extensive coding and linework options to allow CAD ready data to be collected directly in the field (including auto coding, multi coding, lines, splines, best fit arcs, 3 point arcs and offset lines) • Add codes, attributes, annotations and images to any point, line, area or setup
Extensive stake routines	• Ability to 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
In-field computations	• COGO options (including, but not limited to) inverse, intersection and area division • 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	• Including (but not limited to) 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...	• Such as, additional "localised" apps and tools from a worldwide network of software development centers (including, but not limited to) 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 is accessible	**Controllers:** Leica CS20, Leica CS30, Leica CS35 **Total Stations:** Leica FlexLine TS10, Leica TS13, Leica Viva TS16, Leica Nova TS60 **MultiStations:** Leica Nova MS60
Devices supported by Leica Captivate	**GNSS Sensors:** Leica GS07/08plus, Leica Viva GS10/14/1516/25, Leica GS18 T, Leica GS18 I **Total Stations and MultiStations:** Leica FlexLine manual total stations, Leica TS13, Leica Viva TS11/15/16, Leica Nova TS50/60, Leica Nova MS50/60, 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

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