Leica Captivate
Inspect Surface app

Engaging software

Leica Captivate software turns complex data into the most realistic and workable 3D models. With easy-to-use apps and familiar touch technology, all forms of measured and design data can be viewed in all dimensions. Leica Captivate spans industries and applications with little more than a simple swipe, regardless of whether you work with GNSS, total stations or both.

Inspect Surface app

The Inspect Surface app further broadens the existing capability of Leica Captivate by comparing a measured surface against a design surface – while still in the field. The easy-to-use app identifies the difference between reality and design for immediate as-built checks. This powerful app saves an enormous amount of time and costs by allowing the user to make instant and critical decisions in the field. Problems can easily be identified and remedial work carried out without the need to return to the office to analyse data. The app can be used in many applications, such as concrete pads, walls, road and tunnel construction.

Unique network of specialised Software Development Centres

Each SWDC is dedicated to providing Leica Geosystems customers with tailored solutions to their measurement challenges. Each centre offers a unique service within the geospatial industry, giving Leica Geosystems customers the opportunity to improve on the already impressive return on investment potential of their measurement instruments and systems purchases.

SWDC

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HEXAGON

- when it has to be **right**

Leica
Geosystems

Inspect Surface app

APP AVAILABILITY
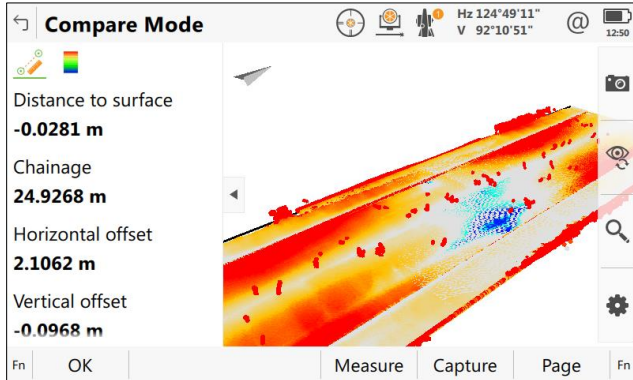
Leica Captivate	CS20 Controller CS35 Tablet TS16 Total Stations TS60 Total Station MS60 MultiStation Viva GNSS	The Inspect Surface application is available on all platforms running Leica Captivate version 1.3 or later including GNSS when connected to the appropriate controller.

REFERENCE FORMATS

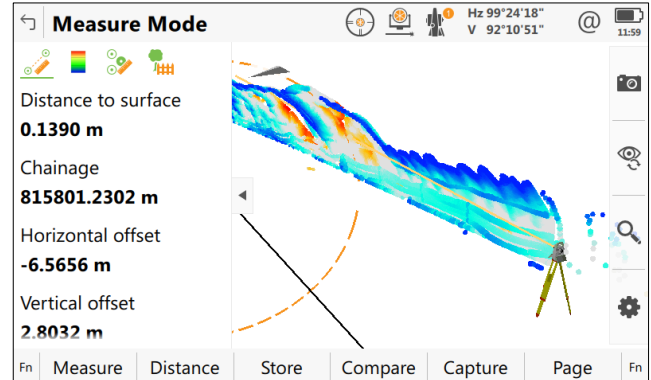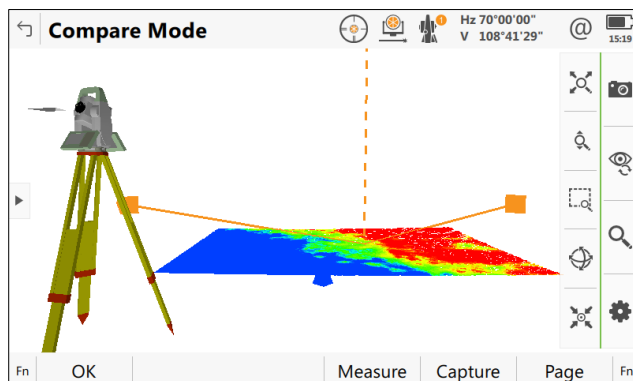|		
Inspect Surface	Existing Scan Data	Scan contained in a Captivate job
	Existing Points	Points contained in a Captivate job
	Pre-defined Solid or Plane	Horizontal plane, vertical plane, 3 point plane, cylinder, cone
	DXF Data	3D face, 3D face vertices, Points
	PTS Data	Data from a laser scanner
	ASCII Data	Point data
Inspect Roads	DXF, LandXML, MX Genio, Terramodel, Carlson, Bentley, Ispol, Clip, Piste, REB	Horizontal and vertical alignments supported in all formats
Inspect Tunnels	DXF, LandXML, MX Genio, Terramodel, Carlson, Bentley, Ispol, Clip, Piste, REB	Horizontal and vertical alignments supported in all formats Tunnel section created using Tunnel Profile Editor in Leica Infinity

ARTICLE NUMBERS

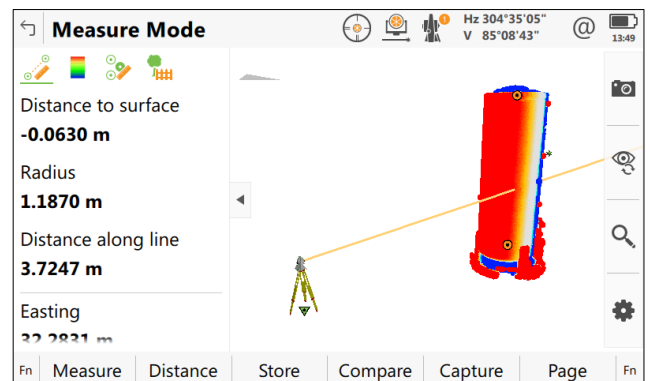|		
Captivate Inspect Surface	TS16/TS60/MS60	839678
Captivate Inspect Surface	CS20	839679
Captivate Inspect Surface	CS35	839681
Captivate Inspect Road	TS16/TS60/MS60	847944
Captivate Inspect Road	CS20	848372
Captivate Inspect Road	CS35	848373
Captivate Inspect Tunnel	TS16/TS60/MS60	847945
Captivate Inspect Tunnel	CS20	848374
Captivate Inspect Tunnel	CS35	848375

Inspect Surface roads comparison with reference design

Inspect Surface tunnels comparison with reference design

Inspect Surface floor flatness analysis

Inspect Surface silo location analysis

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