

4th Edition **lasi** 3 – 6 November, 2016 "Spatial information Management for sustainable development"

> "Capture the world with Hexagon-Leica Technologies"

Top Geocart

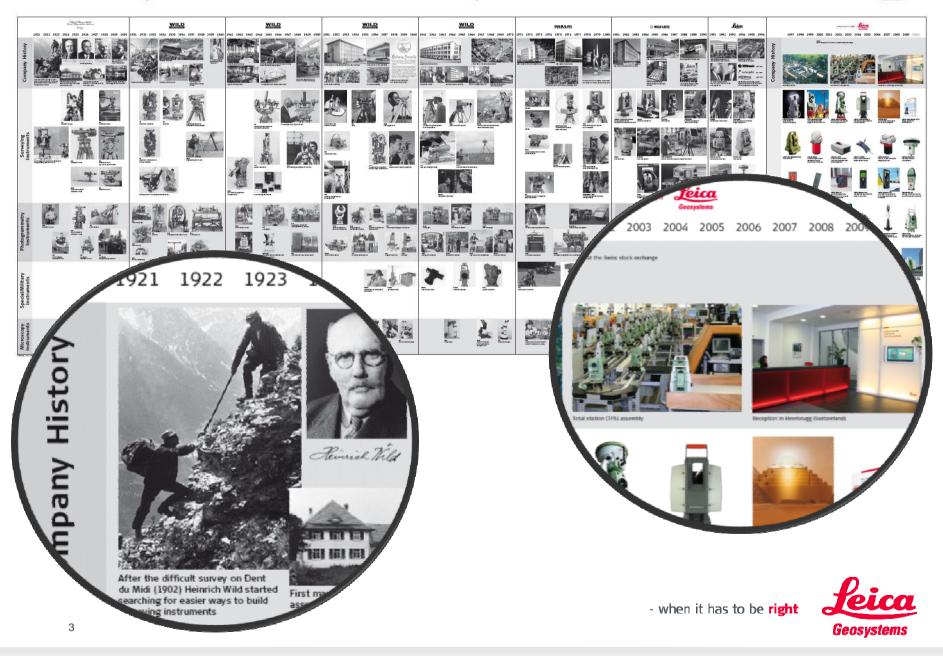




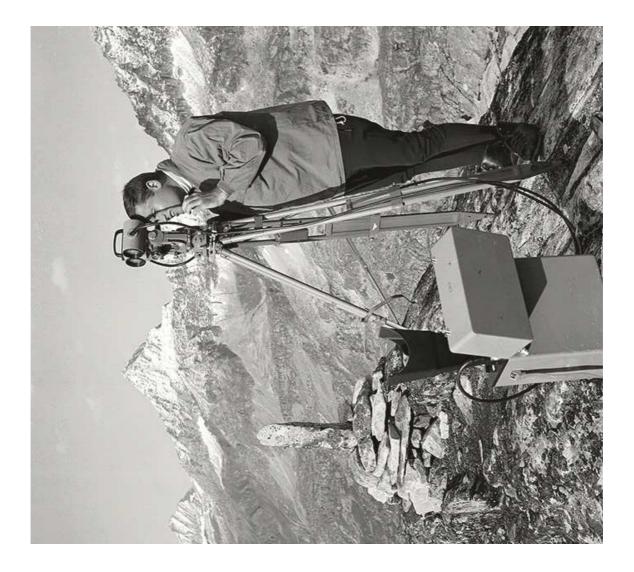




Leica Geosystems – Milestones in the Development of Precision Instruments – Heerbrugg







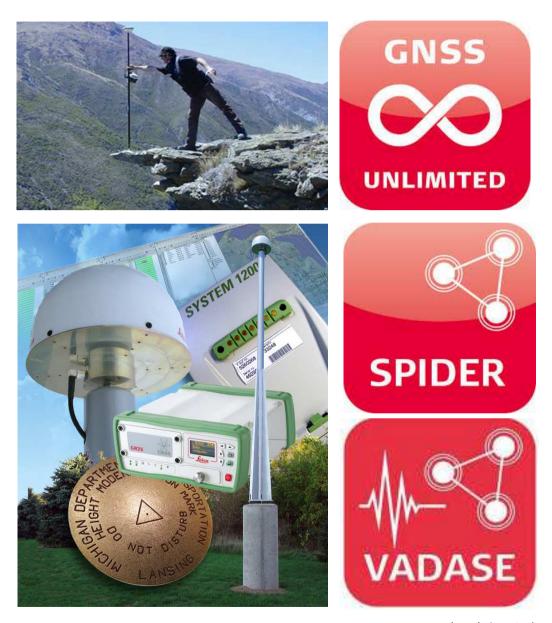




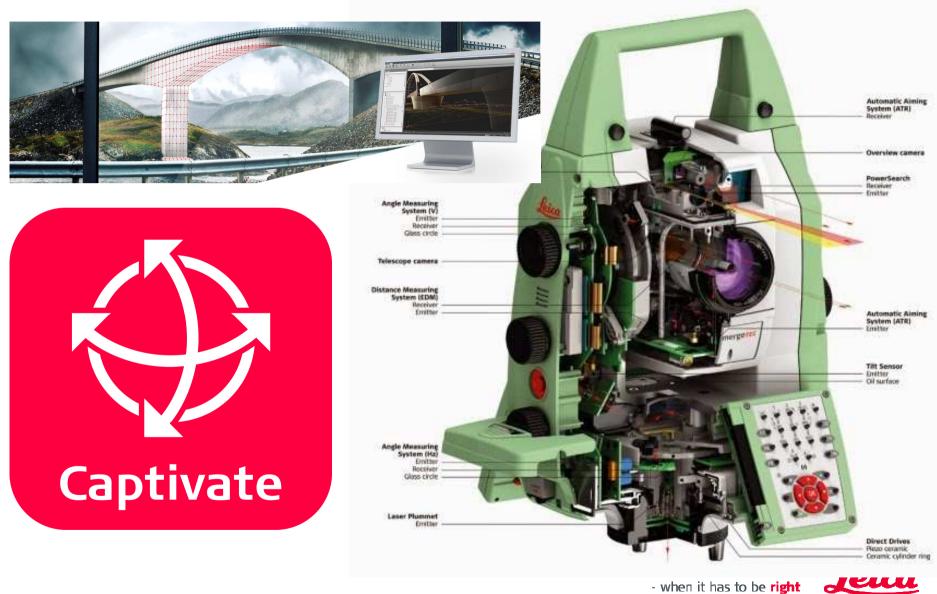
1977 - The Magnavox X-Set was the first to track a GPS signal from space (NTS-2 Satellite GPS Experimental Satellite)



1978 - Introduced the world's first microprocessor based satellite survey instrument







Geosystems

Data Collection by









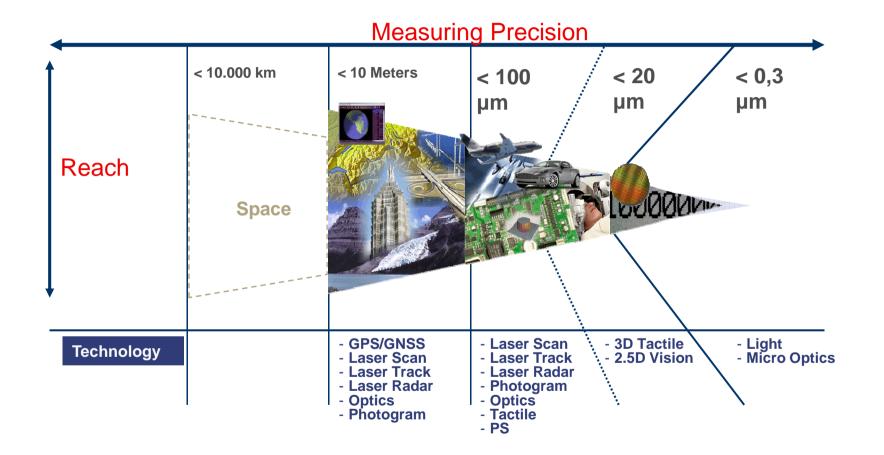


Hexagon is a leading global provider of design, measurement and visualisation technologies. Our customers can design, measure and position objects, and process and present data to stay one step ahead of a changing world.





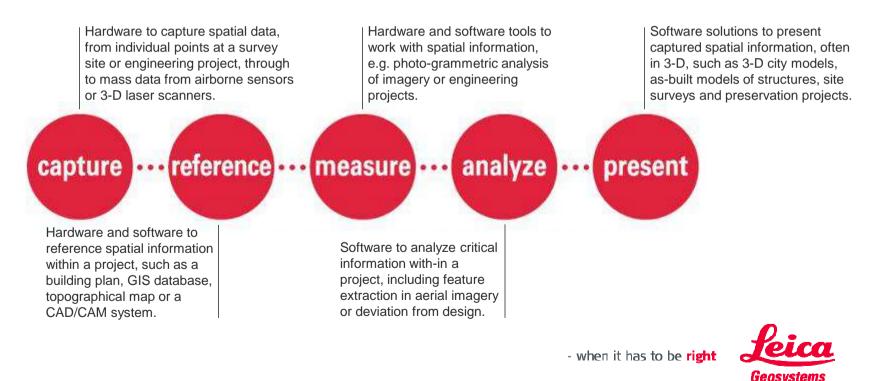
From space to nano technology





Spanning your workflow, taking the lead

- Leica Geosystems strives to be the world's leading supplier of innovative solutions for capturing, modeling and presenting spatial information.
- Our range of highly successful products covers the entire workflow of the measurement process:



Modern Technologies for Quick and Efficient Datacapture

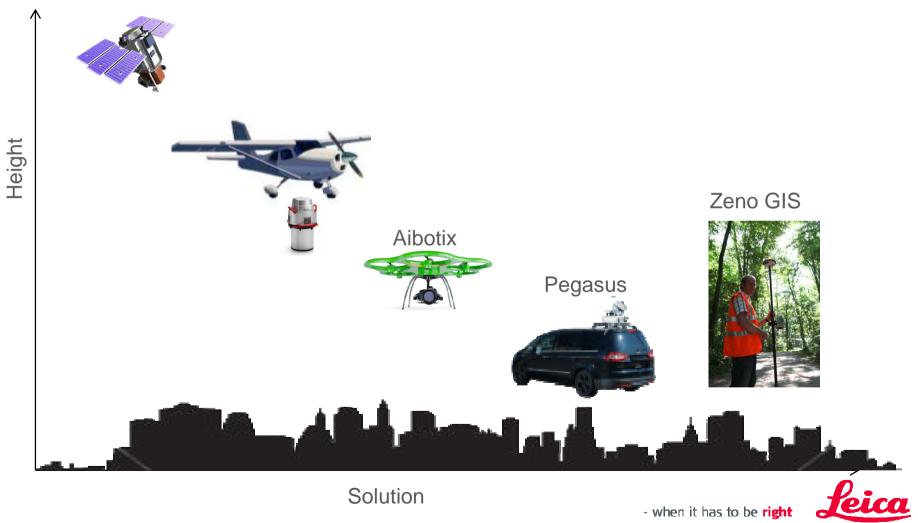


- when it has to be right



10

Data Collection

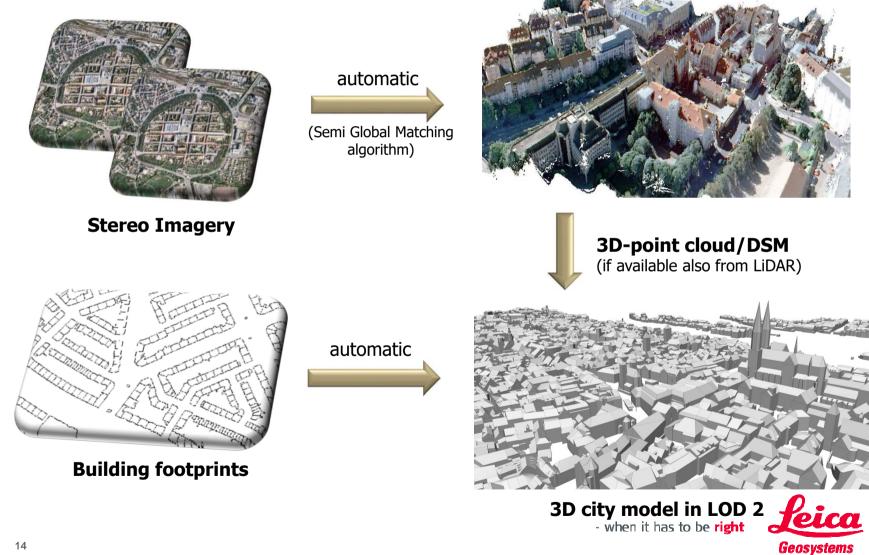


Geosystems

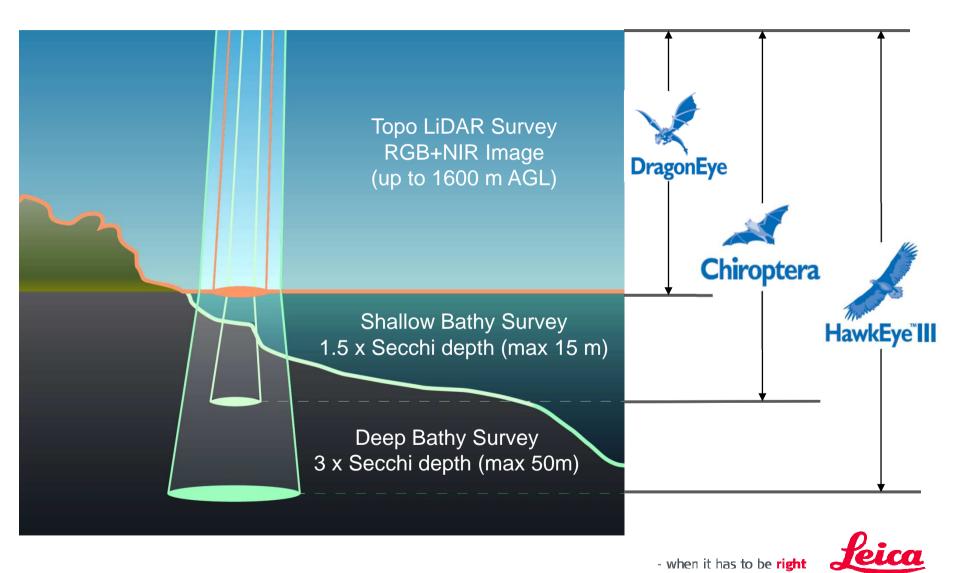
13

tridicon[®] | Workflow





AHAB LiDAR Systems



Geosystems

¹⁵15

UAV Opportunities





<u>Application</u> Mapping Mining Agriculture

• <50kg

- Cooperation with Swissdrones
- Legal framework is important
- 400k CHF incl RCD30 & workflow
- Requires Pilot



Sensor platform

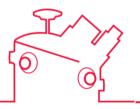


Applications and Industry Solutions!









Pegasus:Two Vehicle independent

Transport

- Road and rail assessment
- 360° reality capturing
- Asset management
- Survey grade data for engineering

SiTrack:One by Leica Geosystems



- Improved safety for measuring
- Increased productivity with quicker reality capture
- Simple and easy handling of large amounts of data
- More convenience to work above ground or Underground
- Time and cost savings

Pegasus:Backpack

Wearable

Indoor & outdoor

- Building information modeling
- 3D professional documentation
- Construction progress
- monitoring
- Virtual surveying





1993

2016



1st Generation

Leica Geosystems presents the world's first hand held laser measurer at the Batimat Expo in France and is wins the Innovation Prize

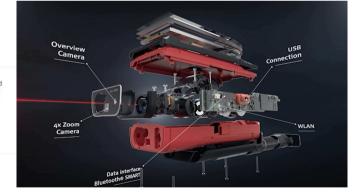
1/8" accuracy, 100' range

Leica $\mathsf{DISTO}^{\,\mathsf{TM}}$ - Accuracy, Robustness and Reliability

2015

.

The Leica DISTOTM S910 has a 300 meter range and introduces Smart Base technology including: Point 2 Point Smart Area and DXF capture/export to AutoCADTM.



Leica DISTO™ D2

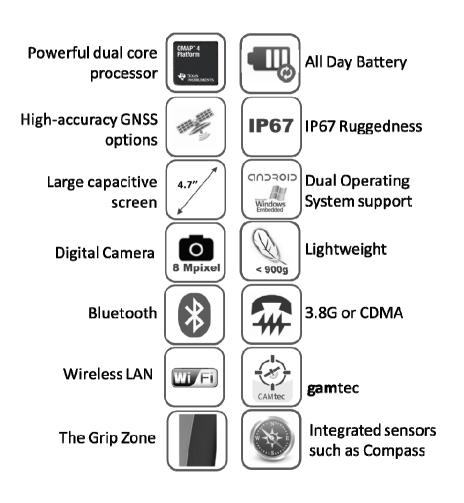
Equipped with Bluetooth and a longer measuring range of 330°, this model has an intelligent endpiece that allows for more accurate diagonal measurements from hard to reach corners.

Additional features:

- Bluetooth® V4.0 Smart
- 330' Range
- Intelligent Endplece

Geosystems

Leica Zeno 20 Best Features in Class – Best for GIS









Leica Zeno20 gamtec





- We are Strategic Partner
- We are GOLD Esri Distribution Partner
- We have a common Solution Zeno Collector
- Esri is partnering the HxIP Program
- and more





ZenoCollector

High-Accuracy Data Collection Using Collector for ArcGIS* and ArcGIS* Online

ZenoCoRector combines the world's leading GIS software from Esrl with the hardware expertise of Leice Geosystems in surveying and geographical measurement, so you can boost efficiency of field crews, reduce errors in data collection, and always have the Lenst information at your finger(tps.

Collector for ArcGIS on a Rugs High-Accuracy Handheld

The ZeroCollector is the world's first handheld that ombines Earl's industry-leading Collector for AreCitS app with the accuracy of a professional GitS handheld collecter. enoCollector enables data collections and delting in a imple, user-friendly interface on an ultrarugged device anima Andraid.

What You Get with ZenoCollector

Leica Zeno 20, a rugged Android-based handheld computer with a professional-grade, high-accuracy 0XSS receiver

ArcOIS Online: Level 1 Organizational Subactiption Plan with five named users, a complete mapping placform that powers Collector for ArcOIS and connects held crews to your OIS system

ollector for ArcGIS, a native app that enables data allection and editing in a simple, user-friendly interface

esri

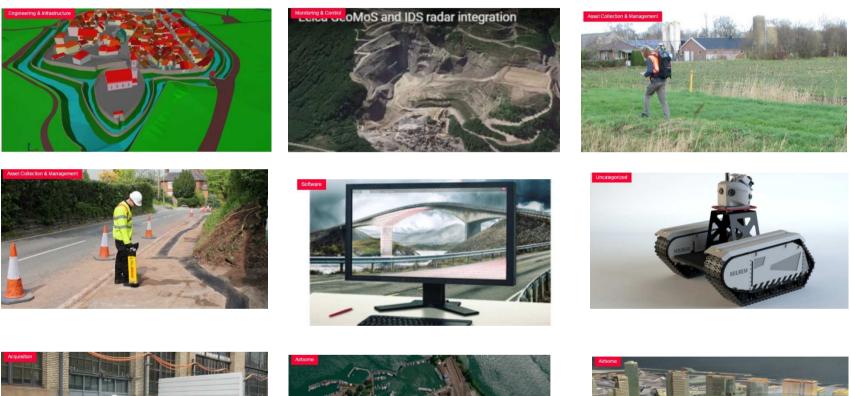
23

Leica Geosystems Solutions for all measuring tasks





Solutions for all kind of applications

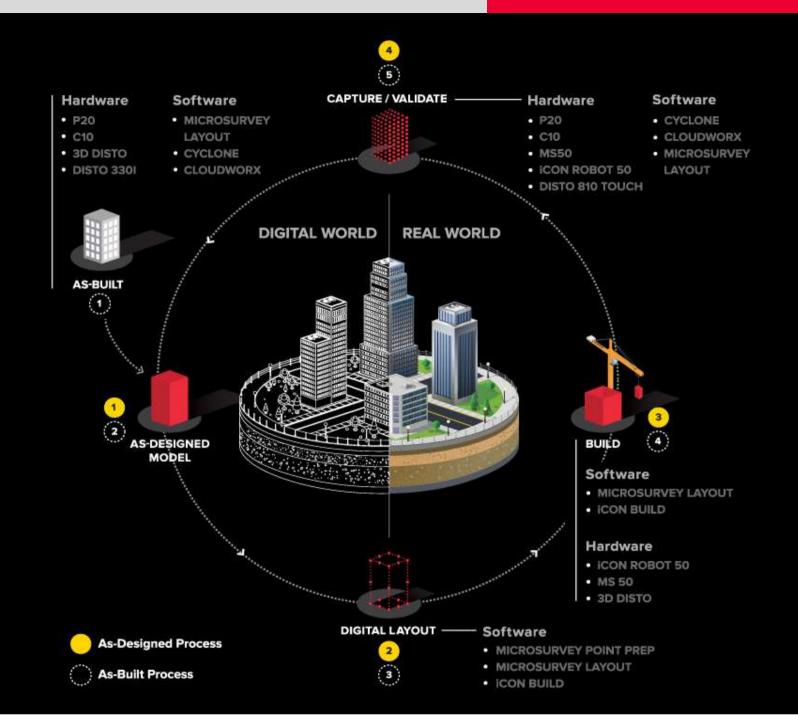














We Make the Digital world REAL & MOBILE

THANK YOU!

















Questions



















