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About GDi

GDi - Creating Efficiencies. Stimulating Growth.

GDi

A leading Central European solutions provider with global relevance. Europe, Middle East, North and South America, Africa



GDi - Creating Efficiencies. Stimulating Growth.

- GDi solutions help users manage
 - resources
 - > assets, infrastructure
 - > Operations
- Focus on "processes and operations" solutions and platforms
- GDi solutions used worldwide, in 11 time zones.
- 150 + staff
- 25+ years in the business and 1000s of customers
- We support successful organizations to create even more efficient and agile business



GDi - Creating Efficiencies. Stimulating Growth.





RESOURCES

₽eople
₽eople
Field workers
Inspection
Salesforce









Forest management

What needs to be done?

Monitor

Understand

GDi Software Solutions and Data Products





What can technology give to forest management?

Improve inventory
 Improve land administration
 Improve sustainable forest planning
 Better management of timber exploration

Goal



Fast and accurate decision making

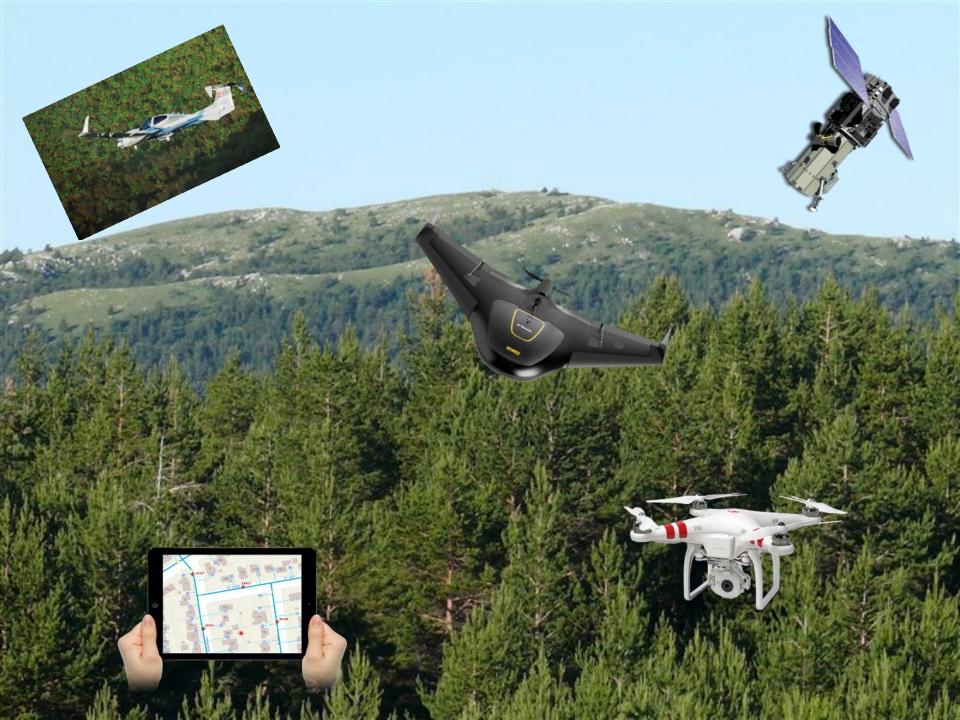
Monitoring in real time

Managing complete circle with technology tools





Remote sensing



High level

- Data collection on-demand
 - Satellite imagery up to 30 cm
 - Aerial imagery better than 30 cm
- Lidar





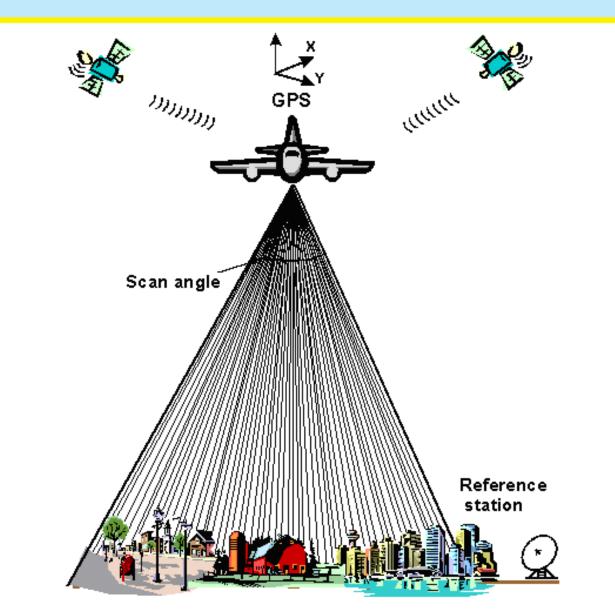




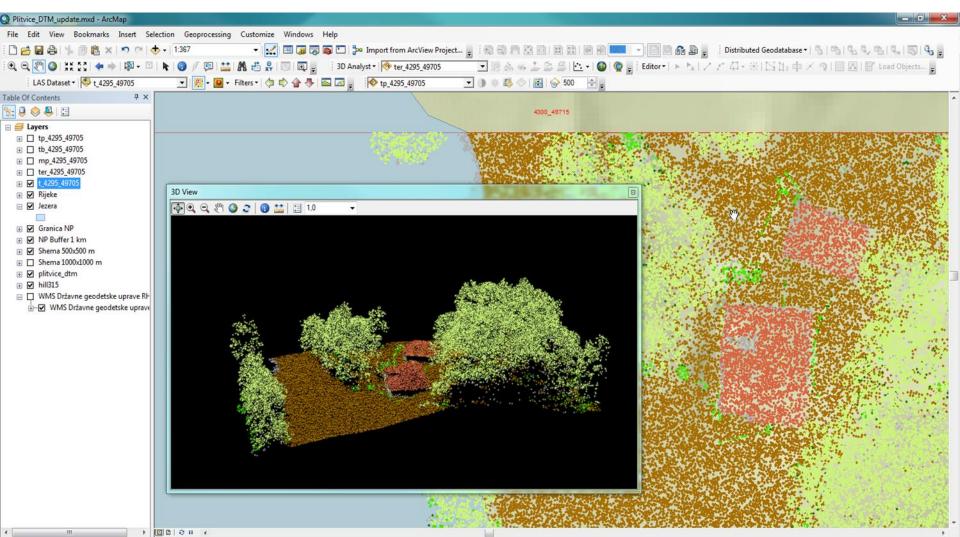


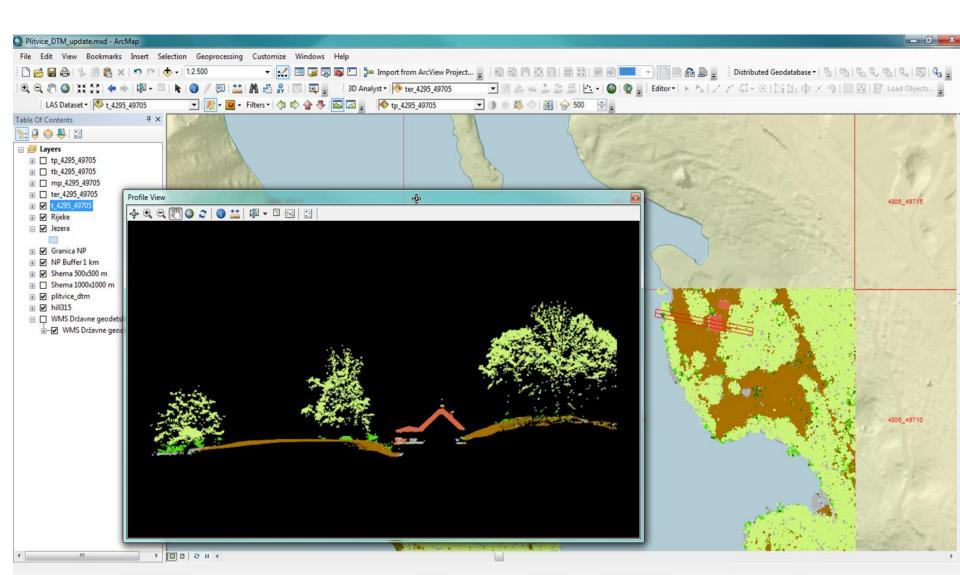


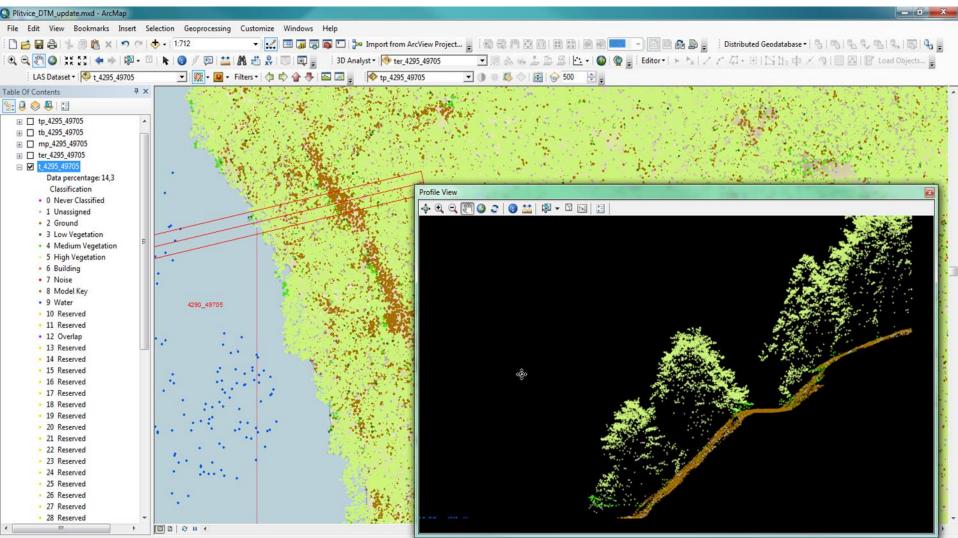
How LiDAR works?







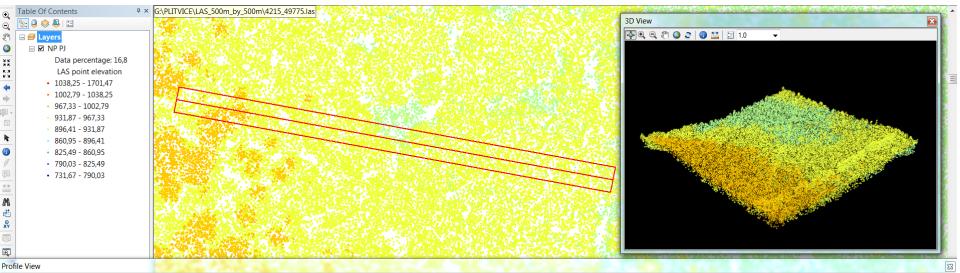




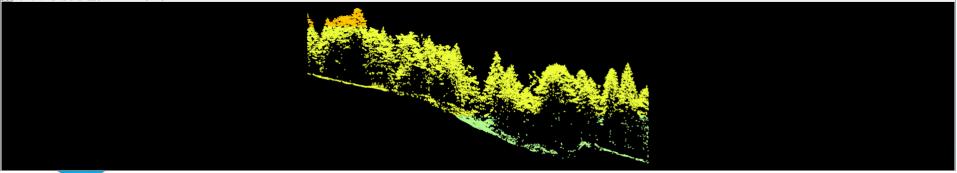
429480,011 4970787,562 Meters

Example - LiDAR

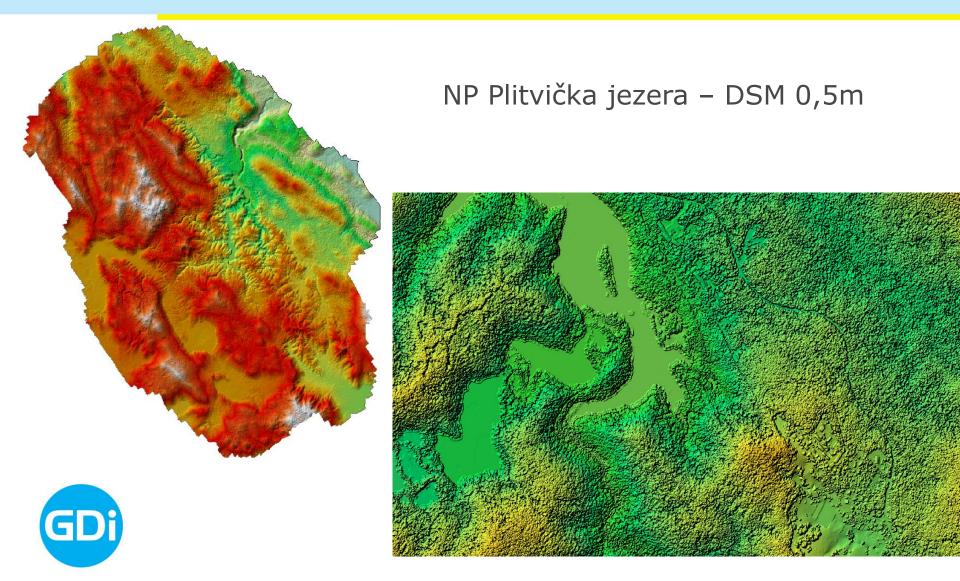
NP Plitvička jezera – LAS, 10 pt/m2



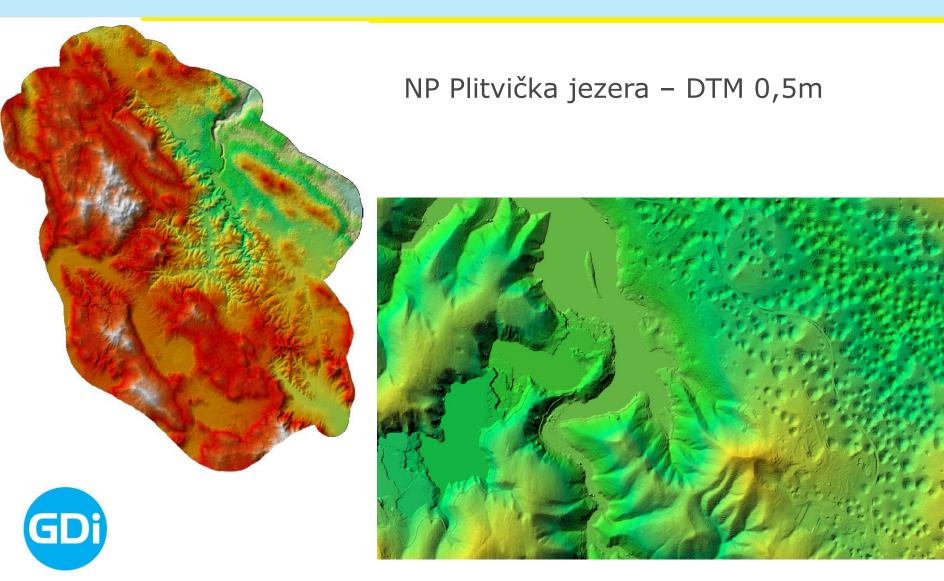




Example - LiDAR



Example - LiDAR





Monitor in real time



Orthophoto mosaic

3D data



Fast inspection

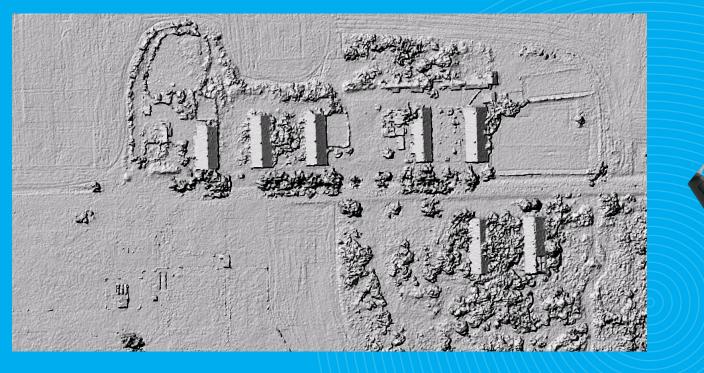
Data processing

Software solution for direct data integration.

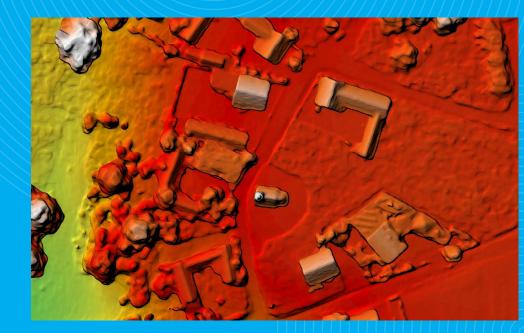


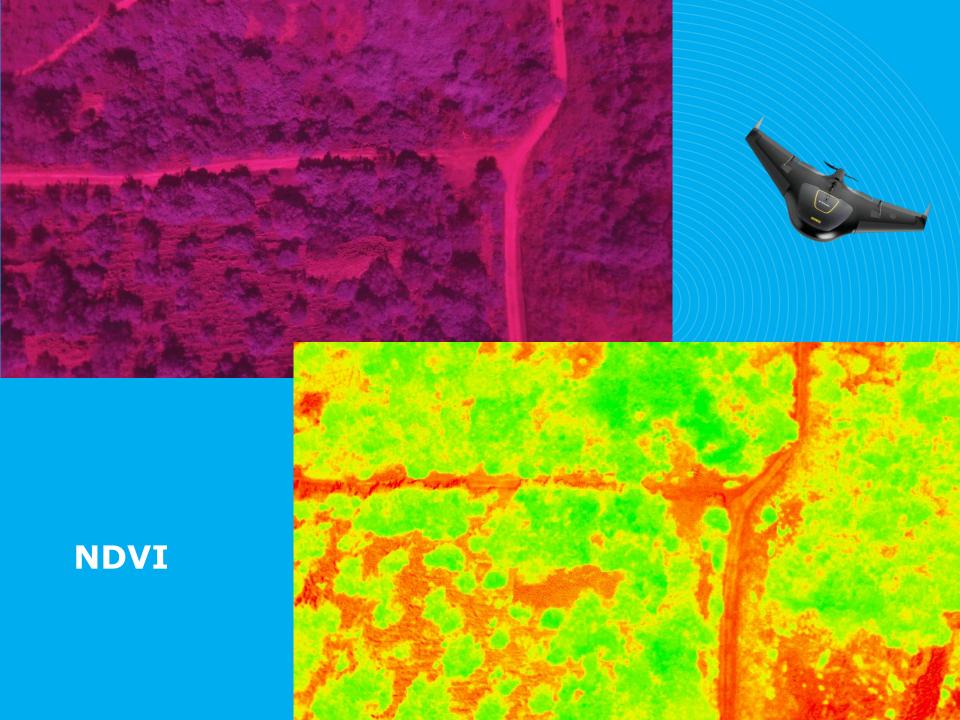
Digital orthophoto mosaic

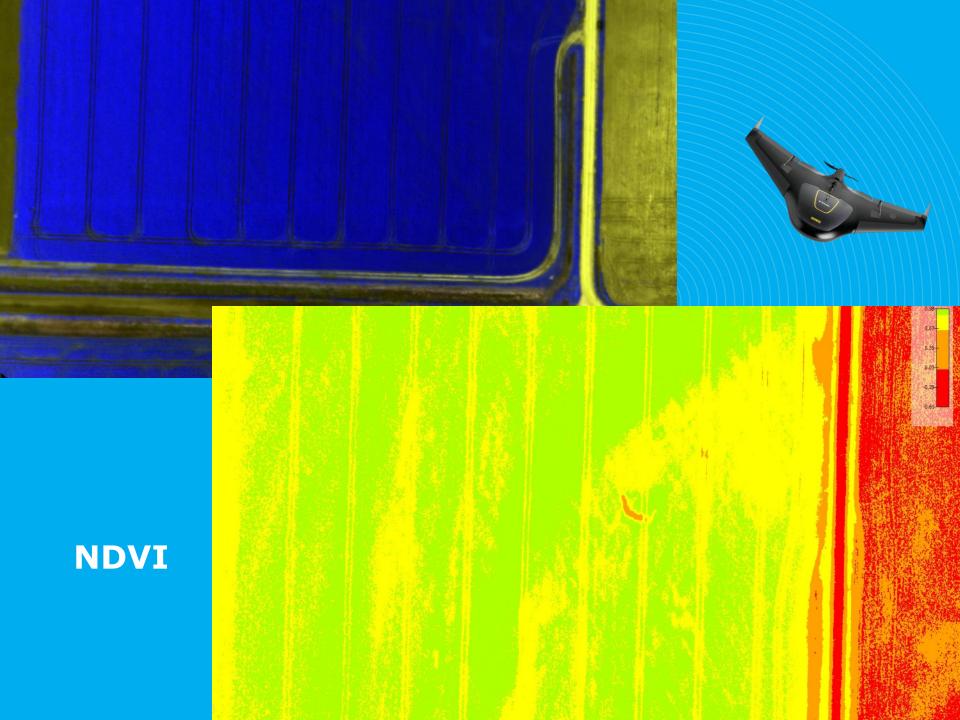




3D data







Collector for ArcGIS

- Field collection of points, lines and polygons točaka, linija i poligonalnih podataka
- Fast fiels inspection and data analysis
- Support for **pictures**
- Online and offline mode







Benefits to circular economy

Some of detected benefits...

Strong support in monitoring processes

Fact based decision making

Resources management in real time

Crisis management





Thank you!

Ivan Lukić GDi GISDATA Zagreb