

# DigiTerra EXPLORER Version 6

Plug & Survey

Mobile GIS and field  
mapping software



## Mobile mapping in 4 easy steps

1. **Prepare** field data collection sheets in the office



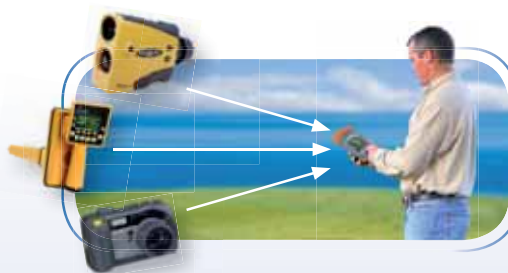
4. **Update** your GIS database with field data



2. **Display** maps, manage your database on a mobile computer



3. **Collect** data with GPS receiver, laser range finder, digital camera and cable locator



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“Everyone needs DigiTerra Explorer,  
- who already use GIS and wish to complement it by mobile data collection  
- who does not use GIS yet but would like to learn it easily.”  
Stefan Lutz managing director, TOPTec Lutz (Switzerland)

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# Key features

*DigiTerra Explorer is*



**Fast:**

it's graphical engine is able to process large raster files even on PDA's



**Flexible:**

will be delivered on SD memory card to ensure device-independent use



**Versatile:**

offers native support for Windows Mobile and Windows CE O/S's and different types of files



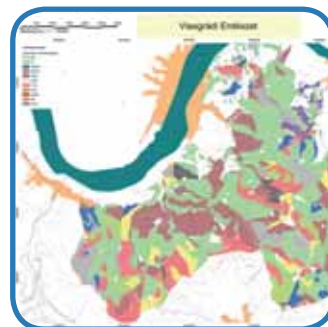
**Integrative:**

data collected with laser range finder, cable locator, camera will be stored together with geographical position



**Easy-to-use:**

you can design data collection sheets without programming



**Attractive:**

you can prepare individually designed printed maps



**Adaptive:**

easily translatable to new languages



**Affordable:**

different editions and price levels to meet diverse customers' needs

# Mobile GIS Solutions

*DigiTerra Explorer is available in 3 editions. Each edition offers different functions to meet the individual needs of different user groups.*



## Area measurement

Measure the size of a parcel with a GPS receiver

- agriculture
- forestry
- nature conservation and protection
- park management
- mining
- insurance



## Field data collection

Capture position and status of a certain object to be found in the countryside. Make decisions supported by geographical analysis.

- field survey
- geology
- military
- fire service
- utility management



## Data collection beyond GPS receiver

Increase the value of GIS database by adding information collected with laser range finder, digital camera and cable locator.

- energy supply
- telecommunication
- construction
- engineering
- public authorities



# Functions

Function	Edition	Basic	Advanced	Professional
Mobile and desktop GIS within a single software		✓	✓	✓
Flexible use: to be run without installation from SD, Mini SD and Micro SD card		✓	✓	✓
Quick displaying of maps with DigiTerra formats		✓	✓	✓
Individual printing: reports and maps with legend		✓	✓	✓
Field data collection with GPS receiver		✓	✓	✓
Support for built-in digital camera			✓	✓
Displaying and editing data in standard vector and raster formats			✓	✓
Easy-to-use thematic mapping toolkit: symbols, line types, patterns, colour palettes			✓	✓
GPS navigation on the map based on projected and geographical coordinates			✓	✓
GPS data collection supported by NMEA and additional communication protocols, built-in NTRIP client, data collection for post-processing				✓
Stand-alone GIS photo management solution				✓
Integration with laser range finder, cable locator and external digital camera				✓
Customizable GUI without programming, intelligent data collection sheets, relational data table connections				✓
Built-in topological and intelligent editing tools				✓

Detailed functional specification on each edition of DigiTerra Explorer can be found on [www.digiterra.hu](http://www.digiterra.hu)

# System requirements



## Desktop computers

- Windows 7
- Windows Vista
- Windows XP / XP Tablet PC Edition
- Windows 2000
- Microsoft ActiveSync, Mobile Device Center
- AMD, Pentium above 200 MHz
- Minimum 32 MB RAM
- Minimum 50 MB free hard disk space



## Mobile computers



- Supported CPU chip: ARM based processors above 200 MHz
- Minimum 64 MB RAM

Reseller



## Contact

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DigiTerra Information Services Ltd. is continuously developing its products, therefore the described technical specification may change from time to time. Please contact us for up-to-date information.