

iDeaGIS

- Mobile spatial data acquisition software
- Completely offline capability
- High speed
- High volume support



iDeaGIS

Extends the reach of your GIS from the office to the field. With offline capability you can Navigate maps, collect and report data, edit spatial data and perform basic GIS analysis using iDeaGIS software. It operates on massive data at high speed. Use the power of a personal computer on tablets in the field. iDeaGIS supports iOS and Android tablets and smartphones.



Atlas Rahnegar
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iDeaGIS, mobile spatial data acquisition software

High speed at massive input data
No need to internet
High reliability

HIGH SPEED

- NO MATTER HOW MASSIVE IS YOUR BASE-MAP RASTER, WITH TILING TECHNIQUE YOU CAN ALWAYS NAVIGATE RASTER MAPS VERY FAST
- BY USING SPATIAL TECHNIQUES VECTOR MAPS CAN BE DRAWN AT VERY HIGH SPEED ON THE DEVICE
- **iDeaGIS** USES LIGHTENING SPATIAL QUERY ALGORITHM FOR FINDING THE NEAREST OBJECT TO GPS

HIGH FUNCTIONALITY

- YOU CAN USE TOPOLOGY TOOLS IN ORDER TO CORRECT THE DRAWN GEOMETRY
- AUGMENTED REALITY EXTENSION CAN SHOW WHAT DETAILS HAVE YOU COLLECTED IN THE FIELD VISUALLY
- ATTACH VOICE, VIDEO OR AN IMAGE TO YOUR NEWLY OR PREVIOUSLY COLLECTED DATA
- YOU CAN DEFINE MULTIPLE PROJECTS AND MULTIPLE USERS IN 2 SEPARATE DATABASES

HIGH COMPATIBILITY

- **iDeaGIS** CONVERTOR CAN EXCHANGE SHAPE-FILE AND SQL FORMATS IN ORDER TO USE IN THE DEVICE
- BOTH ANDROID AND IOS PLATFORMS ARE SUPPORTED
- **iDeaGIS** INTERNAL DATABASES CAN BE OPENED IN ANY PLATFORM BY ANY COMPATIBLE SQLITE BROWSER

HIGH DYNAMICITY

- CHANGE THE POI CATEGORY AND SUB-CATEGORY TABLE TO WHATEVER YOU WANT
- USE BASE-MAPS OR VECTOR MAPS OR BOTH
- **iDeaGIS** CAN BE CUSTOMIZED BASED ON USER NEEDS
- TILE LAYERS CAN BE GENERATED IN ANY ZOOM, RESOLUTION OR TILE SIZE FORMAT

HIGH ACCURACY

- WITH SPECIAL FEATURES, ACCURATE DRAWING IS POSSIBLE EVEN IN THE FIELD
- CHANGE ANY VERTEX, ADD OR DELETE VERTICES IN POLYGON OR POLYLINE SHAPES
- HIGH ACCURACY GPS INTEGRATED WITH GYRO AND ACCELEROMETER DATA IN ORDER TO NAVIGATE YOU PRECISELY

