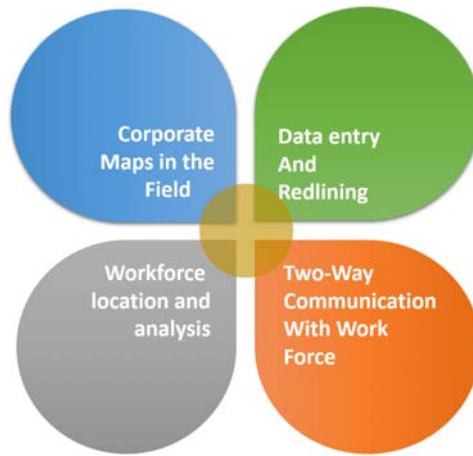


GeoMapps is an integral software platform for managing GIS data on mobile devices, in the field. The solution contains two main components, a mobile app for field workers and a web app for administrators and managers. The features are divided in four groups:



Corporate maps and GIS data in the field

Many companies use geographical data in their business processes, usually stored and managed in relational databases like Oracle, MS SQL, Postgres, etc. GeoMapps solves the problem of distributing that GIS information to mobile devices, that may or may not have a permanent connection to the network, but the field workers still need to access the GIS data, in their most up to date state.

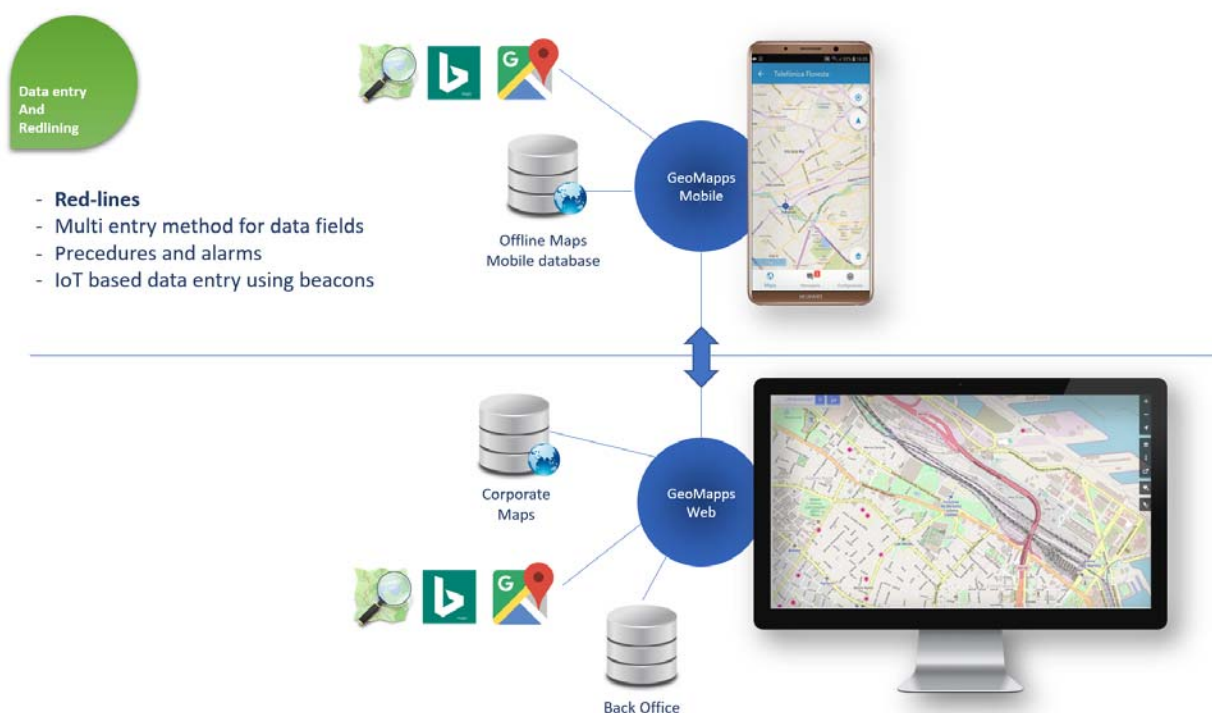


Powerful data entry and redlining on the field

Administrator can customize data forms depending on their data collecting workflow. Field workers using the mobile app can use those forms to collect events data, combining text fields, audio, video, data from RFid / NFC tags, OCR from utility meters, etc.

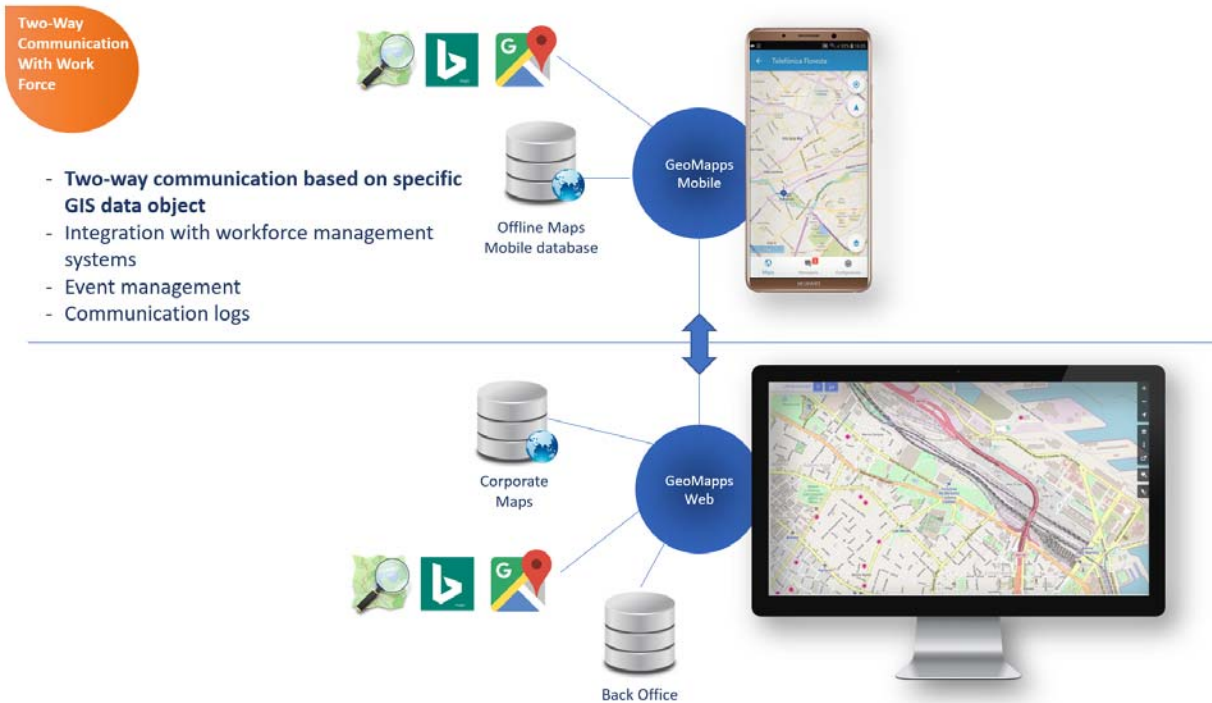
But one of the most important features is the “redlining” function, with the possibility of entering GIS data like points, polylines, polygons or any combination, defining the geographical fields of the collected data.

All this data is stored in a GIS database in the smartphone and synchronized with the backend services as soon as any type of network become available.



Two-way communication

The operators and managers can communicate with field workers directly, using a two-way connection, like a traditional IM software. But in this case, all the conversations are stored as historical data, and associated with a specific GIS object.



Workforce location and analysis

Using the same technology that we use on our AVL solution, operators and administrator using GeoMapps can track the real-time location of every mobile user of the platform, and configure business rules for alerting specific situations, full tracking report, etc.

Workforce
location and
analysis

- Workforce tracking
- Event management
- Full replay report
- Geofence validation
- Comprehensive reporting



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