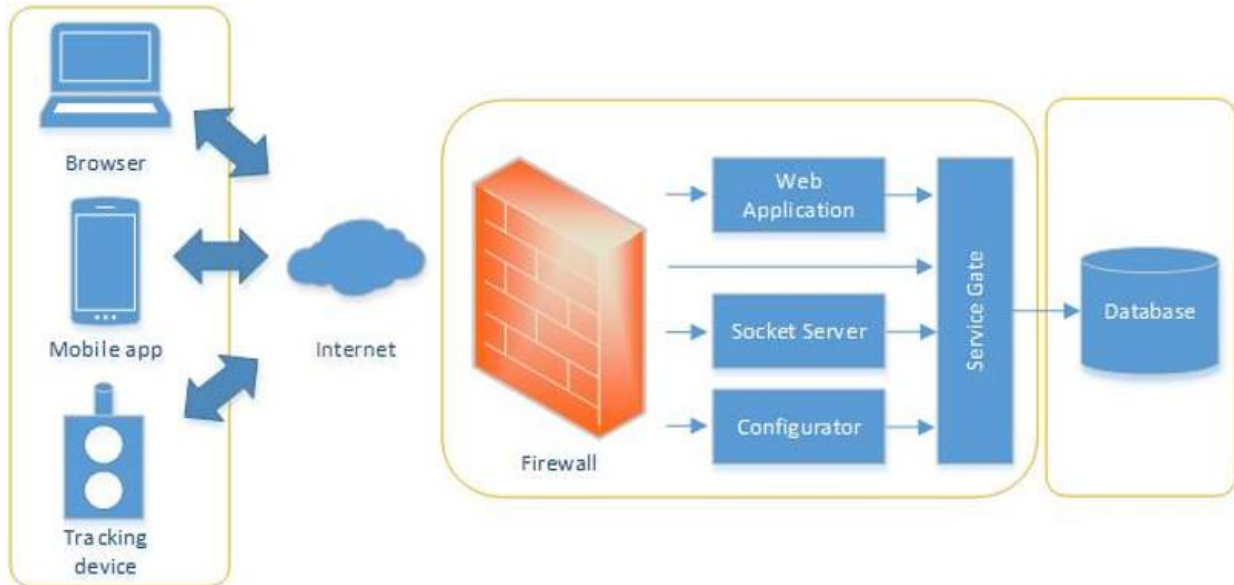


WWA is a localization and tracking system, based on a Server-Client architecture as shown in the block diagram, which uses hardware and software tracking peripherals.



WWA Block Diagram

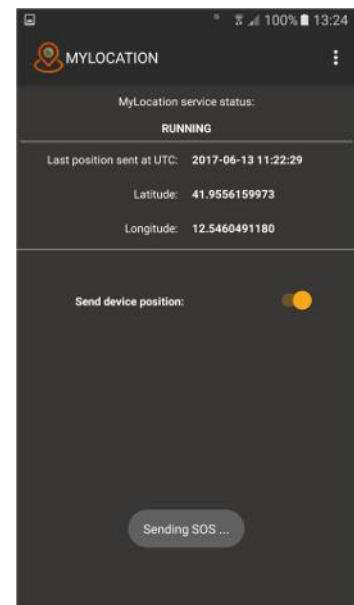
The hardware tracking units are the same of the Global Track:

- GT Mobile Tracker
- GT Personal Tracker
- GT Remote Vehicular Unit (UR-V)

- **-Mobile App "My location"**

The software tracking Unit is an Android App named **"My Location"** that allows to:

- send smartphone's position to the server with an optional comment. The position information shown is: time, latitude, longitude
- send a SOS message: it is possible by clicking, five times on the latitude label
- display the system status
- switched on/off position transmission: sliding on "send device position" is possible to activate or deactivate it





GPS positions can be visualized on on-line and off-line digital maps by means of an Android App or a Web Application. Maps can be downloaded from on-line sources, archived in the system and used off-line through mobile Android and Windows consoles.

**- Mobile App "my Maps"**

The Android App, named "My Maps", allows to visualize the own position and the position of target and teammates. Positions are identified by:

- device ID
- time
- coordinates (latitude, longitude)
- accuracy: GPS deviation in meters
- speed
- team name



**- Web Application**

The Web Application allows not only to visualize the positions (Map Client) but also to configure the whole system and send commands and set up parameters.

