CLAIMS

1. A position update method, comprising:

acquiring information of a target vehicle, wherein the information of the target vehicle comprises a first positioning position of the target vehicle detected by a GPS component of the target vehicle and a real image taken by a photographing device of the target vehicle;

updating the first positioning position to a second positioning position according to the real image, wherein the second positioning position is configured to represent a current position of the target vehicle; wherein

before acquiring the information of the target vehicle, the method further comprises: acquiring a navigation route generation request, wherein the navigation route generation request is configured to request for acquiring a navigation route from the current position to the target vehicle, and the current position is an issuing position of the navigation route generation request; and

after updating the first positioning position to the second positioning position according to the real image, the method further comprises: generating the navigation route according to the second positioning position and the current position.

2. The method according to claim 1, wherein updating the first positioning position to the second positioning position according to the real image comprises:

comparing the real image with an image in a predetermined street-view database to obtain a comparison result, wherein the predetermined street-view database records an image and a positioning position where the image is captured, both of which have a mapping relationship with each other;

updating the first positioning position to the second positioning position according to the comparison result.

3. The method according to claim 2, wherein updating the first positioning position to the second positioning position according to the comparison result comprises:

updating the first positioning position to a target positioning position in the predetermined street-view database having a mapping relationship between the target positioning position and the target image, wherein the second positioning position is the target positioning position, in a case where a similarity between the real image and the target image in the predetermined street-view database is greater

than a first predetermined threshold.

4. The method according to claim 2, wherein comparing the real image with the image in the predetermined street database comprises:

looking up a set of images in the predetermined street-view database of which a positioning position is less than a second predetermined threshold from the first positioning position;

comparing the real image with each image in the set of images respectively.

5. The method according to claim 2, wherein before acquiring the information of the target vehicle, the method further comprises:

acquiring a plurality of real images captured by a plurality of vehicles within a predetermined time period, and a positioning position of the plurality of vehicles where the plurality of real images are captured, wherein each of the plurality of the real images maps a positioning position of one of the plurality of the vehicles;

establishing the predetermined street-view database with the plurality of real images and positioning positions of the plurality of vehicles, both of which have a mapping relationship with each other.

6. The method according to any one of claims 1 to 5, wherein the acquiring the information of the target vehicle comprises:

sending a reporting instruction to the target vehicle;

acquiring the real image taken and reported by the target vehicle in response to the reporting instruction, and acquiring the first positioning position reported by the target vehicle.

7. A position display method, comprising:

sending a position display request of a target vehicle from a terminal to a server;

displaying a position of the target vehicle on a display interface of the terminal, wherein the position of the target vehicle is a second positioning position obtained by updating a first positioning position according to a real image, the first positioning position is a positioning position of the target vehicle detected by the GPS component of the target vehicle, and the real image is an image taken by a photographing device of the target vehicle; wherein after displaying the position of the target vehicle on the display interface of the terminal, the method further comprises:

sending a navigation route generation request from the terminal to the server, wherein the navigate route generation request is configured to request for acquiring a navigation route from a current position of the terminal to the target vehicle;

acquiring the navigation route from the server, wherein the navigation route is generated according to the current position and the second positioning position;

displaying the navigation route on the display interface of the terminal.

8. The method according to claim 7, wherein the displaying the navigation route on the display interface of the terminal comprises:

displaying virtual route information in a real-time scene image obtained by a camera of the terminal, wherein the virtual route information is configured to indicate the navigation route.

9. A navigation route display method, comprising:

sending a navigation route generation request from a terminal to a server, wherein the navigation route generation request is configured to request for acquiring a navigation route from a current position of the terminal to a target vehicle;

acquiring the navigation route, wherein the navigation route is generated according to the current position and a second positioning position, and the second positioning position is obtained by updating a first positioning position according to the real image; the first positioning position is a positioning position of the target vehicle detected by a GPS component of the target vehicle, and the real image is an image taken by a photographing device of the target vehicle;

displaying the navigation route on the terminal.

10. The method according to claim 9, wherein displaying the navigation route on the terminal comprises:

displaying virtual route information in a real-time scene image obtained by a camera on the terminal, wherein the virtual route information is configured to indicate the navigation route.

11. A position update apparatus, comprising:

a first acquiring unit, configured to acquire information of a target vehicle, wherein the information of the target vehicle comprises a first positioning position of the target vehicle detected by a GPS component of the target vehicle and a real image taken by a photographing device of the target vehicle;

an updating unit, configured to update the first positioning position to a second positioning position according to the real image, wherein the second positioning position is configured to represent a current position of the target vehicle;

a second acquiring unit, configured to acquire a navigation route generation request, wherein the navigation route generation request is configured to request for

acquiring a navigation route from a current position to the target vehicle, and the current position is an issuing position of the navigation route generation request; and

a generating unit, configured to generate the navigation route according to the second positioning position and the current position.

12. The update apparatus according to claim 11, wherein the updating unit comprises:

a comparison module, configured to compare the real image with an image in a predetermined street-view database to obtain a comparison result, wherein the predetermined street-view database records an image and a positioning position where the image is captured, both of which have a mapping relationship with each other;

an updating module, configured to update the first positioning position to the second positioning position according to the comparison result.

13. The update apparatus according to claim 12, wherein the updating module is configured to update the first positioning position to a target positioning position in the predetermined street-view database having a mapping relationship between the target positioning position and the target image, wherein the second positioning position is the target positioning position, in a case where a similarity between the real image and the target image in the predetermined street-view database is greater than a first predetermined threshold.

14. A vehicle, comprising:

a body;

a photographing device, mounted on the body, the photographing device being configured to take a real image around the vehicle;

a GPS component, mounted on the body, the GPS component being configured to acquire a first positioning position of the vehicle;

a transmission unit, mounted on the body, the transmission unit being configured to receive and transmit information, wherein the information comprises the first positioning position and the real image;

a processor, mounted on the body, the processor being configured to control operation of the GPS component, the photographing device and the transmission unit; wherein the positioning position is a first positioning position，and the real image is configured to update the first positioning position to a second positioning position .

15. A system, comprising:

a vehicle;

a first software, as a client, and the first software being used for executing the method as claimed in any one of claims 7 to 10.

16. The system of claim 15, further comprising:

a second software, as a server, and the second software being used for executing the method as claimed in any one of claims 1 to 6.