each of the identifier value represents different information on the target vehicle.

5. The vehicle service providing device of claim 4, wherein the information extraction unit checks a type of information that each of the identifier value represents based on mapping information pre-obtained from the first client; and

extracts information on the target vehicle from the message or the memory data based on the checked type of the information.

6. The vehicle service providing device of claim 5, wherein the information extraction unit maps information that each of the identifier value represents into a predetermined data table based on the checked type of the information to generate result data including information on the extracted target vehicle.

7. The vehicle service providing device of claim ~~1~~2, further comprising a client control unit configured to generate a control message for controlling the first client and insert the control message into a message queue of the OS or a message queue of the control program.

8. The vehicle service providing device of claim 7, wherein the client control unit generates a control message for controlling at least one of the first client, the first vehicle number recognizer, and a peripheral device that the first client controls.

9. The vehicle service providing device of claim 8, wherein the peripheral device comprises a gate where the target vehicle passes, and when the service fee is charged to a user of the target vehicle, the client control unit generates a control message for controlling the gate.

10. A client control device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the client control device comprising:

a message acquisition unit configured to obtain a message transmitted/received between an operating system (OS) of the first client and a control program of the first client wherein the message is generated from the OS or the control program according to an event

occurring from the first client and transmitted/received between a message queue of the OS and a message queue of the control program;

a memory data acquisition unit configured to obtain memory data stored in a memory by scanning the memory allocated to the control program of the first client;

a vehicle information transmission/reception unit configured to transmit the message and the memory data to a vehicle information analysis device to be used for analyzing information on a target vehicle recognized by the first vehicle number recognizer; and

a client control unit configured generate a control message for controlling the first client and insert the control message into a message queue of the OS or a message queue of the control program.

11. A vehicle information analysis device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the vehicle information analysis device comprising:

an information reception unit configured to obtain a message transmitted/received between an operating system (OS) of the first client and a control program of the first client from a client control device for controlling the first client and the second client wherein the message is generated from the OS or the control program according to an event occurring from the first client and transmitted/received between a message queue of the OS and a message queue of the control program; and

a vehicle information extraction unit configured to analyze the message by using information on a structure of the message, analyze the memory data by using information on a structure of the memory data, and extract information on a target vehicle recognized by the first vehicle number recognizer from the analyzed message and the analyzed memory data; and

a vehicle information transmission unit configured to transmit information on the extracted target vehicle to the client control device.

12. A vehicle service providing method of a vehicle service providing device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the method comprising:

each of the identifier value represents different information on the target vehicle.

5. The vehicle service providing device of claim 4, wherein the information extraction unit checks a type of information that each of the identifier value represents based on mapping information pre-obtained from the first client; and

extracts information on the target vehicle from the message or the memory data based on the checked type of the information.

6. The vehicle service providing device of claim 5, wherein the information extraction unit maps information that each of the identifier value represents into a predetermined data table based on the checked type of the information to generate result data including information on the extracted target vehicle.

7. The vehicle service providing device of claim 2, further comprising a client control unit configured to generate a control message for controlling the first client and insert the control message into a message queue of the OS or a message queue of the control program.

8. The vehicle service providing device of claim 7, wherein the client control unit generates a control message for controlling at least one of the first client, the first vehicle number recognizer, and a peripheral device that the first client controls.

9. The vehicle service providing device of claim 8, wherein the peripheral device comprises a gate where the target vehicle passes, and when the service fee is charged to a user of the target vehicle, the client control unit generates a control message for controlling the gate.

10. A client control device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the client control device comprising:

a message acquisition unit configured to obtain a message transmitted/received between an operating system (OS) of the first client and a control program of the first client wherein the message is generated from the OS or the control program according to an event

occurring from the first client and transmitted/received between a message queue of the OS and a message queue of the control program;

a memory data acquisition unit configured to obtain memory data stored in a memory by scanning the memory allocated to the control program of the first client;

a vehicle information transmission/reception unit configured to transmit the message and the memory data to a vehicle information analysis device to be used for analyzing information on a target vehicle recognized by the first vehicle number recognizer; and

a client control unit configured generate a control message for controlling the first client and insert the control message into a message queue of the OS or a message queue of the control program.

11. A vehicle information analysis device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the vehicle information analysis device comprising:

an information reception unit configured to obtain a message transmitted/received between an operating system (OS) of the first client and a control program of the first client from a client control device for controlling the first client and the second client wherein the message is generated from the OS or the control program according to an event occurring from the first client and transmitted/received between a message queue of the OS and a message queue of the control program; and

a vehicle information extraction unit configured to analyze the message by using information on a structure of the message, analyze the memory data by using information on a structure of the memory data, and extract information on a target vehicle recognized by the first vehicle number recognizer from the analyzed message and the analyzed memory data; and

a vehicle information transmission unit configured to transmit information on the extracted target vehicle to the client control device.

12. A vehicle service providing method of a vehicle service providing device for controlling a first client that controls a first vehicle number recognizer using a first vehicle number recognizing method and a second client that controls a second vehicle number recognizer using a second vehicle number recognizing method, the method comprising: