What is claimed is

1. A data transmission method, wherein the method is used to transmit data between a first computer and a second computer, and comprises:

sending, by the first computer, first data to a first image capture apparatus through an image output port of the first computer; the first data being an image;

receiving, by the first image capture apparatus, the first data;

sending, by the first image capture apparatus, the first data to the second computer; or converting, by the first image capture apparatus, the first data into second data of an image file, and sending, by the first image capture apparatus, the second data to the second computer; wherein

the second computer recognizes the first data or the second data to obtain first contents, or the first image capture apparatus recognizes the first data to obtain second contents; the first image capture apparatus sends the second contents to the second computer; after the data information contained in the first contents or the second contents is matched with the data information in the second computer, the second computer converts the first data or the second data to generate third data as an image; the first image capture apparatus has an image input port; and the image input port is connected to the image output port of the first computer;

the image output port of the first computer comprises an output port of a display card of the first computer.

2. The data transmission method according to claim 1, wherein before the first computer sends the first data to the first image capture apparatus, the method further comprises:

after the first computer receives a request sent by a browser or an application for accessing or modifying a database, putting, by the first computer, information required for implementing the request in the first data; or

putting, by the first computer, content of a file in the first computer in the first data; or

processing, by the first computer, content of a file in the first computer, and then putting the content in the first data; or

putting, by the first computer, content of a web page in the first data; or

putting, by the first computer, content externally obtained by the first computer in the first data; or

putting, by the first computer, information in the first computer in the first data.

3. The data transmission method according to claim 1, after a step of generating the third data, the method further comprises:

sending, by the second image capture apparatus, the third data to the first computer; or converting the third data into fourth data as an image;

sending, by the second image capture apparatus, the fourth data to the first computer;

the second image capture apparatus has an image input port, and the image input port is connected to the image output port of the second computer; and

the image output port of the second computer comprises an output port of a display card of the second computer.

4. The data transmission method according to any one of claims 1-3, wherein the first computer is a web server or an application server.

5. The data transmission method according to any one of claims 1-3, wherein the second computer is a database server.

6. A data transmission apparatus using the data transmission method according to any one of claims 1-5, comprising a first computer, a first image capture apparatus, and a second computer, wherein the first computer is connected to the first image capture apparatus through an image output port of the first computer; the first image capture apparatus is connected to the second computer; the first image capture apparatus has an image input port; the image input port is connected to the image output port of the first computer; and the image output port of the first computer comprises an output port of a display card of the first computer.

7. The data transmission apparatus according to claim 6, further comprising:

a second image capture apparatus, wherein the image output port of the second computer is connected to the input port of the second image capture apparatus; the second image capture apparatus has an image input port; the image input port is connected to the image output port of the second computer; the second image capture apparatus is connected to the first computer; and the image output port of the second computer comprises an output port of a display card of the second computer.

8. The data transmission apparatus according to claim 6 or 7, wherein the first computer sends the first data to the first image capture apparatus through the image output port of the first computer, and the second computer receives the first data from the first image capture apparatus; or

the first image capture apparatus converts the first data into second data, and the first image capture apparatus sends the second data to the second computer.

9. The data transmission apparatus according to claim 7, wherein the second computer sends the third data to the second image capture apparatus through the display card of the second computer; and the third data is generated by converting the first data or the second data sent to the second computer.

What is claimed is:

1. A data transmission method, wherein the method is used to transmit data between a first computer and a second computer, and comprises:

sending, by the first computer, first data to a first image capture card through an image output port of the first computer;

receiving, by the first image capture card, the first data; and

sending, by the first image capture card, the first data to the second computer; or

processing, by the first image capture card, the first data to generate second data, and sending, by the first image capture card, the second data to the second computer; wherein

the first image capture card has an image input port, and the image input port is connected to the image output port of the first computer;

the image output port of the first computer comprises an output port of a display card of the first computer; and

a program in the second computer identifies a content in the first data or a content in the second data, and if information contained in the content in the first data or the content in the second data successfully matches information required for further execution of the program, the program processes the first data or the second data to generate third data.

2. The data transmission method according to claim 1, wherein before the first data is sent, the method further comprises:

after the first computer receives a request sent by a browser or an application for accessing or modifying a database, putting, by the first computer, information required for implementing the request in the first data; or

putting, by the first computer, content of a file in the first computer in the first data; or

processing, by the first computer, content of a file in the first computer, and then putting the content in the first data; or

putting, by the first computer, content of a web page in the first data; or

putting, by the first computer, content externally obtained by the first computer in the first data; or

putting, by the first computer, information in the first computer in the first data.

3. The data transmission method according to claim 1, further comprising:

sending, by the second computer, the third data to a second image capture card through an image output port of the second computer; and

sending, by the second image capture card, the third data to the first computer;

processing, by the second image capture card, the third data to generate fourth data, and sending, by the second image capture card, the fourth data to the first computer; wherein

the second image capture card has an image input port, and the image input port is connected to the image output port of the second computer; and

the image output port of the second computer comprises an output port of a display card of the second computer.

4. The data transmission method according to claim 1, wherein the program in the second computer accesses or modifies the database during the processing of the first data or the second data.

5. The data transmission method according to claim 1, wherein the first computer puts a file in the first computer in the first data; and after the second computer receives the first data, the second computer restores the first data to the file or the second computer stores the first data in a new file.

6. The data transmission method according to claim 1, wherein the first computer is a web server or an application server.

7. The data transmission method according to claim 1, wherein the second computer is a database server.

8. A data transmission apparatus which performs the data transmission method according to claim 1, comprising the first computer, the first image capture card, and the second computer, wherein the first image capture card is connected to the second computer.

9. The data transmission apparatus according to claim 8, further comprising a second image capture card, wherein an image output port of the second computer is connected to an input port of the second image capture card, the second image capture card has an image input port, the image input port is connected to the image output port of the second computer,

the second image capture card is connected to the first computer, and the image output port of the second computer comprises an output port of a display card of the second computer.

10. The data transmission apparatus according to claim 9, wherein the first computer sends first data to the first image capture card through the image output port of the first computer, and the second computer receives the first data from the first image capture card; or the first image capture card processes the first data to generate second data, and the first image capture card sends the second data to the second computer.

11. The data transmission apparatus according to claim 10, wherein the second computer sends third data to the second image capture card through the display card of the second computer.

12. The data transmission apparatus according to claim 11, wherein the third data is generated by the second computer by processing the first data or the second data.