Claims:

1. An application-based data interaction method, comprising:

sending, by a mobile device, a data interaction request;

selecting, by the mobile device, to establish a first channel for data interaction with a preset application-based bridging device configured to provide network connection for a preset application;

establishing, by the bridging device, a second channel for data interaction between the bridging device and an application server;

selectively opening, by the bridging device, the first channel and the second channel;

determining, by the bridging device, whether the data interaction request is a preset application-based data interaction request,

when the data interaction request is the preset application-based data interaction request, opening, by the bridging device, the first channel and the second channel, and

when the data interaction request is not the preset application-based data interaction request, intercepting, by the bridging device, the data interaction request in at least one of the first channel and the second channel; and

when both the first channel and the second channel are open, performing, by the mobile device, data interaction with the application server via the bridging device.

2. The method according to claim 1, wherein selecting, by the mobile device to establish the first channel for data interaction with the bridging device comprises:

when the data interaction request is the preset application-based data interaction request, providing an option to establish the first channel for data interaction with the bridging device; and

upon receiving an instruction to select the option, establishing the first channel.

3. The method according to claim 2, further comprising:

when the preset application-based data interaction request cannot be sent to the application server directly, providing the option to establish the first channel.

4. The method according to claim 2, wherein the preset application is a payment application or a payment offset application.

5. An application-based data interaction method, implementable by a mobile device, comprising:

sending a preset application-based data interaction request;

when the preset application-based data interaction request cannot be sent to an application server, providing an option to establish a first channel for data interaction with a preset

application-based bridging device configured to provide network connection for a preset application;

upon receiving an instruction to select the option, establishing the first channel; and

performing data interaction indirectly with an application server through the first channel.

6. The method according to claim 5, wherein the preset application is a payment application or a payment offset application.

7. An application-based data interaction method, implementable by a preset application-based bridging device configured to provide network connection for a preset application, comprising:

establishing a second channel for data interaction with an application server;

receiving a data interaction request from a mobile device;

determining whether the data interaction request is a preset application-based data interaction request; and

when the data interaction request is a preset application-based data interaction request, opening the second channel and a first channel for data interaction between the mobile device and the application server, wherein the first channel is configured for data interaction between the mobile device and the bridging device.

8. The method according to claim 7, further comprising:

when the data interaction request is not the preset application-based data interaction request, closing the second channel.

9. The method according to claim 7, wherein the preset application is a payment application or a payment offset application.

10. An application-based data interaction apparatus, comprising:

a request module configured to send a data interaction request;

a selection module configured to select to establish a first channel for data interaction with a preset application-based bridging device configured to provide network connection for a preset application;

a bridging module configured to establish, by the bridging device, a second channel for data interaction between the bridging device and an application server;

a routing module configured to:

selectively open the first channel and the second channel,

determine whether the data interaction request is a preset application-based data interaction request,

when the data interaction request is the preset application-based data interaction

request, open the first channel and the second channel, and

when the data interaction request is not the preset application-based data interaction request, intercept the data interaction request in at least one of the first channel and the second channel; and

a data interaction module configured to, when both the first channel and the second channel are open, perform data interaction with the application server via the bridging device.

11. The apparatus according to claim 10, wherein the selection module is configured to:

when the data interaction request is the preset application-based data interaction request, provide an option to establish the first channel for data interaction with the bridging device; and

upon receiving an instruction to select the option, establish the first channel.

12. The apparatus according to claim 11, wherein the selection module is further configured to, when the preset application-based data interaction request cannot be sent to the application server directly, provide the option to establish the first channel.

13. The apparatus according to claim 11, wherein the preset application is a payment application or a payment offset application.

14. An application-based data interaction apparatus, comprising:

a request module configured to send a data interaction request;

a selection module configured to:

when the preset application-based data interaction request cannot be sent to an application server directly, provide an option to establish a first channel for data interaction with a preset application-based bridging device configured to provide network connection for a preset application, and

upon receiving an instruction to select the option, establish the first channel; and

a first data interaction module configured to perform data interaction indirectly with the application server through the first channel.

15. The apparatus according to claim 14, wherein the preset application is a payment application or a payment offset application.

16. An application-based data interaction apparatus, comprising:

a bridging module configured to establish a second channel for data interaction with an application server;

a second data interaction module configured to receive a data interaction request from a mobile device; and

a routing module configured to,

determine whether the data interaction request is a preset application-based data interaction request, and

when the data interaction request is a preset application-based data interaction request, open the second channel and a first channel for data interaction between the mobile device and the application server, wherein the first channel is configured for data interaction between the mobile device and the second data interaction module.

17. The apparatus according to claim 16, wherein the routing module is further configured to, when the data interaction request is not a preset application-based data interaction request, close the second channel.

18. The apparatus according to claim 16, wherein the preset application is a payment application or a payment offset application.

19. The apparatus according to claim 10, further comprising:

a network egress configured to be only connected to the application server of the preset application; and

a network ingress configured to only open an IP address reserved for the preset application.