CLAIMS

1. A communication method, applied to a terminal device, wherein the method comprises:

determining first service information, wherein the first service information is used to describe a feature of a service of the terminal device; and

sending the first service information to a core network, wherein the first service information is used by the core network to determine a policy corresponding to the service.

2. The method according to claim 1, wherein the terminal device comprises a first module and a second module, and determining the first service information comprises:

receiving, by the first module, second service information from the second module; and

determining, by the first module, the first service information based on the second service information, wherein the second service information comprises an identifier of the service and/or an attribute of the service; and

sending the first service information to the core network comprises:

sending, by the first module, the first service information to the core network.

3. The method according to claim 2, wherein determining, by the first module, the first service information based on the second service information comprises:

determining, by the first module, the first service information based on a mapping rule and the second service information, wherein the mapping rule comprises a correspondence between the second service information and the first service information.

4. The method according to claim 3, wherein the mapping rule is from the core network, or the mapping rule is locally configured on the first module.

5. The method according to claim 1, wherein the terminal device comprises a first module and a second module, and determining the first service information comprises:

determining, by the second module, the first service information;

the method further comprises:

sending, by the second module, the first service information to the first module; and

sending the first service information to the core network comprises:

sending, by the first module, the first service information to the core network.

6. The method according to claim 5, wherein determining, by the second module, the first service information comprises:

determining, by the second module, the first service information based on second service information, wherein the second service information comprises an identifier of the service and/or an attribute of the service.

7. The method according to claim 6, wherein the second module comprises an application layer and a system layer, and determining, by the second module, the first service information based on the second service information comprises:

sending, by the application layer, the second service information to the system layer; and

determining, by the system layer, the first service information based on the second service information.

8. The method according to claim 6, wherein the second module comprises an application layer and a system layer, and determining, by the second module, the first service information based on the second service information comprises:

determining, by the system layer, the second service information based on an event of an application in the application layer, wherein the event indicates a behavior of a user of the application or content run by the application; and

determining, by the system layer, the first service information based on the second service information.

9. The method according to claim 6, wherein the second module comprises an application layer and a system layer, and determining, by the second module, the first service information based on the second service information comprises:

determining, by the application layer, the first service information based on the second service information; and

sending, by the application layer, the first service information to the system layer.

10. The method according to claim 9, wherein sending, by the application layer, the first service information to the system layer comprises:

sending, by the application layer, the first service information to the system layer via an application programming interface, or carrying, by the application layer, the first service information in a socket Socket.

11. The method according to any one of claims 7 to 10, wherein sending, by the second module, the first service information to the first module comprises:

sending, by the system layer, the first service information to the first module.

12. The method according to any one of claims 6 to 11, wherein determining the first service information based on the second service information comprises:

determining the first service information based on the second service information and a mapping rule, wherein the mapping rule comprises a correspondence between the second service information and the first service information.

13. The method according to claim 12, wherein the mapping rule is from the first module, or the mapping rule is locally configured.

14. The method according to any one of claims 2 to 13, wherein the first module and the second module are deployed on a same chip, or the first module and the second module are deployed on different chips.

15. A communication apparatus, wherein the communication apparatus comprises a module configured to perform the method according to any one of claims 1 to 14.

16. A communication apparatus, wherein the communication apparatus comprises a processor and a memory, the memory is configured to store program instructions, and the processor is configured to execute the program instructions in the memory, to cause the communication apparatus to perform the method according to any one of claims 1 to 14.

17. A chip system, wherein the chip system comprises a processing module, and the processing module is coupled to a storage module and is configured to perform the method according to any one of claims 1 to 14.

18. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is run, a computer is caused to perform the method according to any one of claims 1 to 14.

19. A computer program product, wherein the computer program product comprises a computer program, and when the computer program is run, the method according to any one of claims 1 to 14 is performed.

20. A communication system, wherein the system comprises a terminal device and a core network, the terminal device is configured to perform the method according to any one of claims 1 to 14, and the core network is configured to:

receive the first service information from the terminal device, and determine, based on the first service information, a policy corresponding to the service.