CLAIMS

What is claimed is:

1. A method for network planning and construction, wherein the method comprises:

collecting a first natural language indicating an intention of the network planning and construction based on a human-computer interaction mode;

inputting the first natural language into an artificial intelligence AI network large model to obtain a target network construction scheme, wherein the target network construction scheme comprises network topology information and network configuration information;

configuring, after detecting that a network device corresponding to the network topology information is powered on, the network device according to the network configuration information.

2. The method according to claim 1, wherein collecting the first natural language indicating the intention of the network planning and construction based on the human-computer interaction mode comprises:

presenting a human-computer interaction dialog box;

receiving the first natural language indicating the intention of the network planning and construction input by a user in the human-computer interaction dialog box;

preferably, the method further comprises:

displaying first prompt information in the human-computer interaction dialog box, wherein the first prompt information is to guide the input of the intention of the network planning and construction.

3. The method according to claim 1, wherein inputting the first natural language into the artificial intelligence AI network large model to obtain the target network construction scheme comprises:

matching the first natural language with pieces of knowledge of multiple pre-stored network construction schemes, to obtain multiple pieces of candidate knowledge;

inputting the first natural language and the multiple pieces of candidate knowledge into the AI network large model to obtain the target network construction scheme.

4. The method according to claim 1, wherein the method further comprises:

collecting a second natural language indicating a presentation mode of the network planning and construction based on the human-computer interaction mode;

inputting the second natural language into the AI network large model to obtain a target presentation mode;

calling an interface corresponding to the target presentation mode by using an AI agent, to present the target network construction scheme.

5. The method according to claim 4, wherein collecting the second natural language indicating the presentation mode of the network planning and construction based on the human-computer interaction mode comprises:

presenting a human-computer interaction dialog box;

receiving the second natural language indicating the presentation mode of the network planning and construction input by a user in the human-computer interaction dialog box;

preferably, the method further comprises:

displaying second prompt information in the human-computer interaction dialog box, wherein the second prompt information is to guide the input of the presentation mode of the network planning and construction.

6. The method according to any one of claims 4-5, wherein the method further comprises:

adjusting the presented target network construction scheme based on an operation of the user.

7. The method according to claim 1, wherein the AI network large model outputs multiple target network construction schemes;

the method further comprises:

determining one target network construction scheme from the multiple target network construction schemes;

wherein configuring, after detecting that the network device corresponding to the network topology information is powered on, the network device according to the network configuration information comprises:

configuring, after detecting that a network device corresponding to the network topology information comprised in the determined target network construction scheme is powered on, the network device according to the network configuration information comprised in the determined target network construction scheme.

8. The method according to claim 7, wherein determining one target network construction scheme from the multiple target network construction schemes comprises:

collecting a third natural language indicating the determined target network construction scheme based on the human-computer interaction mode;

inputting the third natural language into the AI network large model to obtain the determined target network construction scheme.

9. The method according to claim 8, wherein collecting the third natural language indicating the determined target network construction scheme based on the human-computer interaction mode comprises:

presenting a human-computer interaction dialog box;

receiving the third natural language indicating the determined target network construction scheme input by a user in the human-computer interaction dialog box;

preferably, the method further comprises:

displaying third prompt information in the human-computer interaction dialog box, wherein the third prompt information is to guide the input of the determined target network construction scheme.

10. The method of claim 1, wherein configuring the network device according to the network configuration information comprises:

collecting a fourth natural language indicating configuration of the network device based on the human-computer interaction mode;

inputting the fourth natural language into the AI network large model to obtain a network device configuration instruction;

calling an interface corresponding to the network device configuration instruction by using an AI agent, to configure the network device according to the network configuration information.

11. The method according to claim 10, wherein collecting the fourth natural language indicating the configuration of the network device based on the human-computer interaction mode comprises:

presenting a human-computer interaction dialog box;

receiving the fourth natural language indicating the configuration of the network device input by a user in the human-computer interaction dialog box;

preferably, the method further comprises:

displaying fourth prompt information in the human-computer interaction dialog box, wherein the fourth prompt information is to guide the input of execution

information for the configuration of the network device.

12. The method according to any one of claims 2, 5, 9 and 11, wherein the method further comprises:

determining a to-be-executed operation;

displaying prompt information associated with the to-be-executed operation, in the human-computer interaction dialog box.

13. The method according to claim 1, wherein the method further comprises:

obtaining a sample natural language and a sample network planning and construction scheme corresponding to the sample natural language;

fine-tuning the AI network large model by using the sample natural language and the sample network planning and construction scheme.

14. An electronic device comprising a processor, a communication interface, a memory and a communication bus, wherein the processor, the communication interface and the memory communicate with each other via the communication bus;

the memory is to store a computer program;

the processor is to implement the method of any one of claims 1-13 when executing the program stored on the memory.

15. A computer readable storage medium, wherein the computer readable storage medium stores instructions thereon which, when executed by a processor, cause the processor to implement the method of any one of claims 1-13.