CLAIMS

What is claimed is:

1. A communications method comprising:

receiving, by a user equipment, UE, system information block, SIB, broadcast by a cell of a radio access network device, wherein the SIB comprises a human readable network name, HRNN, of a stand-alone non-public networks, SNPN, network, or a human readable network name, HRNN, of a public network integrated non-public networks, PNI-NPN, network, wherein a order of the HRNNs is the same as the order of public land mobile network identifier, PLMN IDs, and network identifier, NIDs, / closed access group identifier, CAG IDs, in a system information block 1, SIB1, wherein the SIB does not comprise PLMN IDs and NIDs/CAG IDs;

obtaining by the UE, from the system information, information of a network to which the cell supports access.

2. The communications method of claim 1, wherein in a case that a network identified by the PLMN ID and the NID/CAG ID is not configured with corresponding HRNN, the corresponding entry is absent.

3. The communications method of claim 1 or 2, wherein the method further comprises:

receiving, by the UE, a radio resource control, RRC, setup message, from the radio access network device;

sending, by the UE, to the radio access network device, a radio resource control, RRC, setup complete message, wherein the RRC setup complete message comprises network identification information of a network selected by the UE to access.

4. The communications method of claim 3, wherein the network identification information of a network selected by the UE to access comprises: a PLMN ID and a NID.

5. The communications method of claim 1 or 2, wherein the system information is a newly defined System Information Block, SIB.

6. A communications apparatus comprising:

a receiving module, configured to receive system information block, SIB, broadcast by a cell of a radio access network device, wheriein the system information comprises a human readable network name, HRNN, of a stand-alone non-public networks, SNPN, network, or a human readable network name, HRNN, of a public network integrated non-public networks, PNI-NPN,

network, wherein a order of the HRNNs is the same as the order of public land mobile network identifier, PLMN IDs and the network identifier, NIDs, / closed access group identifier, CAG IDs in the SIB1,wherein the SIB does not comprise PLMN IDs and NIDs/CAG IDs;

a processing module, configured to obtain from the system information, information of a network to which the cell supports access.

7. The communications apparatus of claim 6, wherein in a case that a network identified by the PLMN ID and the NID/CAG ID is not configured with corresponding HRNN, the corresponding entry is absent.

8. The communication apparatus of claim 6 or 7, wherein the receiving module, configured to receive a radio resource control, RRC, setup message, from the radio access network device;

the communication apparatus further comprises a sending module,

wherein the sending module is configured to send to the radio access network device a radio resource control, RRC, setup complete message, wherein the RRC setup complete message comprises network identification information of a network selected by the UE to access.

9. The communications apparatus of claim 8, wherein the network identification information of a network selected by the UE to access comprises: a PLMN ID and a NID.

10. The communications apparatus of claim 6 or 7, wherein the system information is a newly defined System Information Block, SIB.

11. A communications apparatus comprising: a processor and a communications interface, wherein the communications interface is used to communicate with another device, wherein the processor is configured to invoke a set of programs to perform the method according to any one of claims 1 to 5.

12. A computer-readable storage medium, wherein the computer storage medium stores a computer-readable instruction, and when the computer-readable instruction is run on a communications apparatus, the communications apparatus is enabled to perform the method according to any one of claims 1 to 5.