Claims

1. A method for controlling voice communication of a user equipment in a mobile network, the method comprising:

maintaining a data record related to the user equipment at a subscriber database;

receiving an indication at the subscriber database from a control node which is responsible for controlling a plurality of packet switched network accesses, the indication indicating whether voice communication with the user equipment over circuit switched access is supported or unsupported homogeneously for all the network accesses controlled by the control node;

storing the indication in the data record at the subscriber database;

receiving a request at the subscriber database from a termination control node which is responsible for controlling termination of a voice session with the user equipment; and

depending on the stored indication, processing the received request at the subscriber database.

2. The method according to claim 1,

wherein the request is a request for a circuit switched routing number of the user equipment.

3. The method according to claim 2,

wherein said processing of the request for the circuit switched routing number at the subscriber database comprises:

in response to the indication indicating that voice communication with the user equipment over circuit switched access is unsupported homogeneously, rejecting the request for the circuit switched routing number.

4. The method according to claim 2,

wherein said processing of the request for the circuit switched routing number at the subscriber database comprises:

in response to the indication indicating that voice communication with the user equipment over circuit switched access is not unsupported homogeneously, requesting the circuit switched routing number from a switching node of the mobile network.

5. The method according to claim 4, comprising:

receiving the circuit switched routing number at the subscriber database from the switching node; and

sending the circuit switched routing number from the subscriber database to the termination control node.

6. The method according to claim 1, comprising:

wherein the request is a request for information whether voice communication with the user equipment over circuit switched access is supported or unsupported.

7. The method according to claim 1, comprising:

receiving an indication of an update of the indication at the subscriber database from the control node; and

storing the updated indication in the data record at the subscriber database.

8. A method for controlling voice communication of a user equipment in a mobile network, the method comprising:

controlling a plurality of packet switched network accesses at a control node;

determining at the control node whether voice communication with the user equipment over circuit switched access is supported or unsupported homogeneously for all the network accesses controlled by the control node; and

in accordance with the determination, providing an indication from the control node to a subscriber database maintaining a data record related to the user equipment, the indication indicating whether voice communication with the user equipment over circuit switched access is supported or unsupported homogeneously.

9. The method according to claim 8,

wherein the indication is provided in response to the user equipment attaching to one of the network accesses controlled by the control node.

10. The method according to claim 8,

wherein the indication is provided in response to the user equipment moving from another network access, which is not controlled by the control node, to one of the network accesses controlled by the control node.

11. The method according to claim 8,

wherein the indication is provided in response to a change in support of voice communication with the user equipment over circuit switched access for at least one of the network accesses controlled by the control node.

12. A subscriber database for a mobile network, the subscriber database comprising:

at least one interface;

at least one processor; and

a memory for maintaining a data record related to a user equipment,

wherein the at least one processor is configured to:

receive, via the at least one interface, an indication from a control node which is responsible for controlling a plurality of packet switched network accesses, the indication indicating whether voice communication with the user equipment over circuit switched

access is supported or unsupported homogeneously for all the network accesses controlled by the control node;

store the indication in the data record;

receive a request via the at least one interface from a termination control node which is responsible for controlling termination of a voice session with the user equipment; and

depending on the stored indication, process the received request.

13. The subscriber database according to claim 12,

wherein the request is a request for a circuit switched routing number of the user equipment.

14. The subscriber database according to claim 13,

wherein the at least one processor is further configured to process the request for the circuit switched routing number by:

in response to the indication indicating that voice communication with the user equipment over circuit switched access is unsupported homogeneously, rejecting the request for the circuit switched routing number.

15. The subscriber database according to claim 13,

wherein the at least one processor is further configured to process the request for the circuit switched routing number by:

in response to the indication indicating that voice communication with the user equipment over circuit switched access is not unsupported homogeneously, send a request for the circuit switched routing number via the at least one interface to a switching node of the mobile network.

16. The subscriber database according to claim 15,

wherein the at least one processor is further configured to:

receive the circuit switched routing number via the at least one interface from the switching node, and

send the circuit switched routing number via the at least one interface to the termination control node.

17. The subscriber database according to claim 12,

wherein the request is a request for information whether voice communication with the user equipment over circuit switched access is supported or unsupported.

18. The subscriber database according to claim 12,

wherein the at least one processor is further configured to:

receive, via the at least one interface, an indication of an update of the indication from the control node; and

store the updated indication in the data record.

19. A control node for a mobile network, the control node comprising:

a control interface with respect to a plurality of packet switched network accesses;

a database interface to a subscriber database maintaining a data record related to a user equipment; and

at least one processor,

wherein the at least one processor is configured to:

control the network accesses via the control interface,

determine whether voice communication with the user equipment over circuit switched access is supported or unsupported homogeneously for all the network accesses controlled by the control node; and

in accordance with the determination, provide an indication via the database interface to the subscriber database, the indication indicating whether voice communication with the user equipment over circuit switched access is supported or unsupported homogeneously.

20. The control node according to claim 19,

wherein the at least one processor is configured to provide the indication in response to the user equipment attaching to one of the network accesses controlled by the control node.

21. The control node according to claim 19,

wherein the at least one processor is configured to provide the indication in response to the user equipment moving from another network access, which is not controlled by the control node, to one of the network accesses controlled by the control node.

22. The control node according to claim 19,

wherein the at least one processor is configured to provide the indication in response to a change in the support of voice communication with the user equipment for at least one of the network accesses controlled by the control node.