

## **Claims**

1. A method in a user device (UE) equipped with a first universal subscriber identity module (USIM) for communicating with a first cellular network and a second USIM for communicating with a second cellular network, wherein the first cellular network includes a first radio access network (RAN) and the second cellular network includes a second RAN, the method comprising:

determining, by processing hardware of the UE, that the first cellular network supports access to a gateway of the second cellular network and that access to a gateway of the first cellular network is unsupported by the second cellular network ~~does not support access to a gateway of the first cellular network~~; and following the determining:

connecting to the second cellular network via the first RAN and the gateway; and  
preventing the second cellular network from transmitting information to the UE via the second RAN.

2. The method of claim 1, wherein the determining includes one of:

(i) receiving, from the first cellular network, an indication of whether the first cellular network supports access to the gateway of the second cellular network;

(ii) transmitting, by the processing hardware, a query to the first cellular network or the second cellular network; and receiving an indication that the first cellular network supports access to the gateway in response to the query; and

(iii) receiving, from the first cellular network during a registration procedure, an indication of whether the first cellular network supports access to the gateway of the second cellular network.

3. The method of claim 1, further comprising:

receiving, from the first cellular network, an indication of one or more public land mobile networks (PLMNs) the first cellular network can access via a respective gateway;

wherein the determining is based at least in part on whether the second cellular network is associated with the one or more PLMNs.

4. The method of claim 3, wherein the received indication specifies one of:

only a PLMN of the first cellular network;

one or more equivalent PLMNs (E-PLMNs);

all PLMNs; and  
a list of two or more PLMNs.

5. The method of any one of claims 1-4, wherein the connecting to the second cellular network includes:

transmitting, by the processing hardware via the first RAN, a request to access the gateway of the second cellular network.

6. The method of claim 5, wherein the request includes a quality of service (QoS) requirement for a data connection to the second cellular network.

7. The method of claim 5 or 6, wherein the request specifies one or more services for which the UE intends to use a data connection to the second cellular network.

8. The method of any one of claims 5-7, wherein transmitting the request includes:

transmitting the request in a message associated with mobility management at a non-access stratum (NAS) layer.

9. The method of any one of the preceding claims, wherein the connecting includes one of:

establishing a new session associated with a protocol for exchanging data packets, with the second cellular network via the gateway; and

modifying an existing session associated with a protocol for exchanging data packets, with the second cellular network via the gateway.

10. The method of any preceding claim, wherein the one or more criteria include one of:

respective signal metrics for the first RAN and the second RAN; and  
a preference of the UE.

11. The method of any one of the preceding claims, wherein the preventing includes one of:

deregistering from the second RAN of the second cellular network; and

activating a Mobile Initiated Connection Only (MICO) mode with the second RAN of the second cellular network.

12. A user equipment (UE) comprising processing hardware configured to implement a method of any one of claims 1-11.

13. A method in a first cellular network including a first radio access network, RAN, for providing communication to a user equipment, UE, the method comprising:

transmitting to the UE, by processing hardware of a first cellular network including a first RAN, an indication that the first cellular network supports access to a gateway of a second cellular network including a second RAN;

receiving, by the processing hardware from the UE, a request to access the second cellular network via the first RAN of the first cellular network based on ~~the second cellular network not supporting~~ access to the gateway of the first cellular network being unsupported by the second cellular network; and

establishing, by the processing hardware and in response to the request, a connection between the UE and the second cellular network, via the first RAN and the gateway of the second cellular network, causing the UE to (i) connect to the second cellular network via the first RAN and the gateway of the second cellular network and (ii) prevent the second cellular network from transmitting information to the UE via the second RAN.

14. A cellular network comprising processing hardware configured to implement a method of claim ~~14~~13.