DESCRIPTION

MANAGEMENT METHOD AND MANAGEMENT SERVER FOR USING PLURAITY OF SIM CARDS

Technical Field

[0001]

The present invention relates to a management method and a management server for using a plurality of SIM cards.

Background Art

[0002]

Recently, with the advent of a mobile virtual network operator (MVNO), retailing of a wireless communication line is becoming popular. Conventionally, a mobile network operator (MNO) having a wireless communication infrastructure provided a wireless communication service to an end user directly. However, MVNOs provide original wireless communication services to the end user using the wireless communication infrastructure of an MNO.

[0003]

MVNOs can be roughly classified into a form where a company does not have an in-house communication infrastructure and a form where a company itself has an in-house communication infrastructure and the communication infrastructure is connected to the communication infrastructure of an MNO to provide a wireless communication service (see Fig. 1). As compared with the case of the former, in the case of the latter,

CLAIMS

1. A management method for using a plurality of SIM cards, comprising steps of:

a computer receiving registration information for registering one or more SIM cards; and

a computer associating one or more SIM cards, one or more identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards,

wherein communication status is changeable on a management screen provided for the user ID, and

wherein communication quality of each SIM card is changeable on the management screen.

2. The management method according to claim 1, wherein the communication status is changeable by selecting from at least more than two of inactive, in-use, cancelled, and dispatching.

3. The management method according to claims 1 or 2, wherein management of communication status of the associated one or more SIM cards is started as inactive.

4. The management method according to any one of claims 1-3, wherein the communication quality is at least one of speed limit, capacity limit and time slot limit.

5. The management method according to any one of claims 1-4, wherein management of the communication status or the communication quality is performed on an instance on a cloud.

6. A management method for using a plurality of SIM cards, comprising steps of:

a computer receiving registration information for registering one or more SIM cards;

a computer associating one or more SIM cards, one or more

identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards; and

a computer receiving a change application of a user of one or more SIM cards associated with the user ID,

wherein communication status is changeable on a management screen provided for the user ID, and

wherein communication status of one or more SIM cards which are targeted by the change application is changed in response to receiving the change application.

7. A management method for using a plurality of SIM cards, comprising steps of:

a computer receiving registration information for registering one or more SIM cards; and

a computer associating one or more SIM cards, one or more identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards,

wherein communication status is changeable on a management screen provided for the user ID,

wherein the registration information includes one or more identification numbers of the one or more SIM cards, and

wherein the step of receiving the registration information comprises the steps of

detecting a click or tap of a registration button on a management screen provided for the user ID;

displaying an input screen for registering the one or more SIM cards in response to detection; and

associating the one or more SIM cards, one or more identification numbers of which are input on the input screen, with the user ID.

8. A management method for using a plurality of SIM cards, comprising steps of:

a computer receiving registration information for registering one or more SIM cards; and

a computer associating one or more SIM cards, one or more identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards,

wherein communication status is changeable on a management screen provided for the user ID, and

wherein the registration information includes a group ID allocated to the one or more SIM cards as a set of SIM cards and a passcode corresponding to the group ID.

9. A program for having a computer to perform a management method for using a plurality of SIM cards, the management method comprising steps of:

receiving registration information for registering one or more SIM cards; and

associating one or more SIM cards, one or more identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards,

wherein communication status is changeable on a management screen provided for the user ID, and

wherein communication quality of each SIM card is changeable on the management screen.

10. A management server for using a plurality of SIM cards,

wherein registration information for registering one or more SIM cards is received to associate one or more SIM cards, one or more identification numbers of which are specified by the received registration information, with a user ID of a user of the plurality of SIM cards,

wherein communication status is changeable on a management screen provided for the user ID, and

wherein communication quality of each SIM card is changeable on the management screen.