

COMMUNICATION MANAGEMENT SYSTEM, COMMUNICATION MANAGEMENT METHOD AND PROGRAM

ABSTRACT

A communication management system includes a measuring unit, an assigning unit, and a distribution controller. The measuring unit measures, for each of clients, a traffic pattern representing a pattern of temporal changes in an amount of communication traffic regarding the client. The assigning unit assigns, to each of plural communication channels, one or more clients that use the communication channel, on the basis of the traffic patterns of the clients measured by the measuring unit. The distribution controller performs control of selecting, as a communication channel with which distribution data is to be distributed to one or more of the clients, at least one of the plural communication channels to which the assigning unit has assigned the clients. The assigning unit determines one or more clients to be assigned to each of the plural communication channels so that a total pattern as a sum of the traffic patterns of the one or more clients to be assigned to the communication channel is within a communication-path capacity of the communication channel.

Fig 1