

ABSTRACT

The present invention achieves overhead reduction in an apparatus for transmitting and receiving data to and from an IoT device in order to accelerate the spread of IoT. First, in an IoT device 110, some event occurs. The IoT device 110 generates a message to be transmitted, and transmits, via SMS, the message to the phone number of a first server 101, which is stored in the IoT device 110. The first server 101 notifies the IoT terminal 110, as needed, of having received SMS data including the message, and thereafter delivers the SMS data to a second server 102. On the basis of a destination identifier included in the message of the SMS data, the second server 102 specifies a destination with reference to associations between destination identifiers includable in the SMS data and destinations. The second server 102 transmits, to a third external server 123, a portion obtained by excluding the destination identifier from the message or the whole message including the destination identifier.