

ABSTRACT

According to an embodiment, a communication control device includes a communication interface, a controller, and a memory. The communication interface communicates with
5 a first device and a device connected via a network communication network. The controller configured to transmit, to a second communication control device connected between a second device and a network communication network, information obtained by encrypting
10 information transmitted from the first device to the second device, and transmit, to the first device, information obtained by decrypting information transmitted from the second device to the first device, using a common key determined by a mutual authentication process with the
15 second communication control device using a secret key and a client certificate issued by a private authentication authority. The memory stores analysis information of a communication amount of data communication carried out via the communication interface. The controller transmits log
20 information to a device management server at an execution time set based on the analysis information of the communication amount stored in the memory.