CLAIMS

1. A communication device comprising:

an acquiring unit configured to transmit first identification information for identifying the communication device to a first connection destination and to acquire information about a second connection destination, a communication protocol to be used for communication with the second connection destination, and information for specifying a data format of information to be sent to the second connection destination, that are corresponding to the first identification information; and

a transmitter configured to:

generate, in a case where a first data format is specified by the first connection destination, a second data of the first data format based on a first data acquired from a terminal connected via a first network, and transmit the second data using the communication protocol to the second connection destination via a second network; and

generate, in a case where a second data format is specified by the first connection destination, a third data of the second data format based on the first data, and transmit the third data using the communication protocol to the second connection destination via the second network.

2. The communication device according to claim 1, wherein, in a case where communication with the second connection destination is unsuccessful, the acquiring unit is configured to transmit the first identification information to the first connection destination and to acquire information about a third connection destination.

3. The communication device according to claim 1 or 2, wherein the acquiring unit is configured to acquire information about a communication protocol for each service according to a type of the communication device and about a communication address for each service according to the type of the communication device.

4. The communication device according to any one of claims 1 to 3, wherein the acquiring unit is configured to transmit a second identification information for identifying a property of the communication device, the property being set by an administrator, to the first connection destination and to acquire the information about the second connection destination associated with the second identification information.

5. The communication device according to any one of claims 1 to 4,

wherein the acquiring unit is configured to acquire, for each priority level, the information about the communication protocol to be used for communication with the second connection destination, and

wherein, in a case where communication with the second connection destination using a communication protocol of a first priority level is unsuccessful, the transmitter is configured to transmit data to the second connection destination using a communication protocol of a second priority level.

6. The communication device according to any one of claims 1 to 5, wherein the first identification information is set at a time of factory shipment of the communication device.

7. The communication device according to any one of claims 1 to 6, wherein, in a case where authentication by the

first connection destination based on information about an authentication status associated with the first identification information is successful, the acquiring unit is configured to acquire the information about the second connection destination from the first connection destination.

8. The communication device according to claim 7,

wherein the information about the authentication status is set in the first connection destination in a state associated with a second identification information for identifying a property of the communication device, the property being set by an administrator, and

wherein the first identification information and the second identification information are set in the first connection destination in a state associated with each other by the administrator.

9. A program that causes a communication device to execute a process of:

transmitting first identification information for identifying the communication device to a first connection destination and acquiring information about a second connection destination, a communication protocol to be used for communication with the second connection destination, and information for specifying a data format of information to be sent to the second connection destination, that are corresponding to the first identification information; and

generating, in a case where a first data format is specified by the first connection destination, a second data of the first data format based on a first data acquired from a terminal connected via a first network, and transmitting the second data using the communication protocol to the second connection destination via a second network; and

generating, in a case where a second data format is specified by the first connection destination, a third data of the second data format based on the first data, and transmitting the third data using the communication protocol to the second connection destination via the second network.

10. A communication method in which a communication device executes a process of:

transmitting first identification information for identifying the communication device to a first connection destination and acquiring information about a second connection destination, a communication protocol to be used for communication with the second connection destination, and information for specifying a data format of information to be sent to the second connection destination, that are corresponding to the first identification information; and

generating, in a case where a first data format is specified by the first connection destination, a second data of the first data format based on a first data acquired from a terminal connected via a first network, and transmitting the second data using the communication protocol to the second connection destination via a second network; and

generating, in a case where a second data format is specified by the first connection destination, a third data of the second data format based on the first data, and transmitting the third data using the communication protocol to the second connection destination via the second network.

11. A communication system comprising:

a communication device; and

an information processing device,

wherein the communication device includes:

an acquiring unit configured to transmit first identification information for identifying the communication device to a first connection destination and to acquire information about a second connection destination, a communication protocol to be used for communication with the second connection destination, and information for specifying a data format of information to be sent to the second connection destination, that are corresponding to the first identification information; and

a first transmitter configured to:

generate, in a case where a first data format is specified by the first connection destination, a second data of the first data format based on a first data acquired from a terminal connected via a first network, and transmit the second data using the communication protocol to the second connection destination via a second network; and

generate, in a case where a second data format is specified by the first connection destination, a third data of the second data format based on the first data, and transmit the third data using the communication protocol to the second connection destination via the second network, and

wherein the information processing device includes:

a receiver configured to receive the first identification information for identifying the communication device from the communication device via the second network; and

a second transmitter configured to transmit the information about the second connection destination to the communication device, the second connection destination being a destination to which pieces of data are sent from the communication device, the information about the second connection destination being information corresponding to the first identification information, and information for specifying

a data format of information to be sent to the second connection destination.