

ABSTRACT

An information processing device includes a first communication unit, a second communication unit, an information processing unit, and a switching unit. The first communication unit is configured to communicate with a terminal device. The second communication unit is configured to communicate with a device connected to a network. The information processing unit is configured to encrypt information which is received from the terminal device by the first communication unit and to transmit the encrypted information to the network via the second communication unit, and is configured to decrypt information which is received from the network by the second communication unit and to transmit the decrypted information to the terminal device via the first communication unit. The switching unit is configured to directly connect a communication line between the first communication unit and the terminal device to another communication line between the second communication unit and the network, when the information processing unit comes into an inoperable state including at least electric power supply stop state, and to switch into a pass-through mode in which the terminal device and the network communicate directly with each other without through the information processing unit.