CLAIMS

1. An approval system comprising an information processing apparatus and a plurality of biometric authentication devices, wherein

the information processing apparatus includes:

a first storage unit storing a countermeasure processing-and-authority associating table;

a first interface for connecting to a network and for communicating with a sensor device and the biometric authentication device via the network; and

a first processor configured to:

receive a sensor signal from the sensor device through the first interface;

when a state satisfying a predetermined condition related to data indicated by the sensor signal occurs, determine countermeasure processing corresponding to the state, determine a plurality of authorities to perform the countermeasure processing with reference to the countermeasure processing-and-authority associating table, determine a biometric authentication device to perform approval processing from among the plurality of biometric authentication devices based on the determined plurality of authorities, and transmit an approval request signal requesting approval of the countermeasure processing corresponding to the state to the determined biometric authentication device through the first interface; and

perform the countermeasure processing when an approval response signal indicating that the approval of the countermeasure processing is successful is received from the determined biometric authentication device through the first interface, and

each of the plurality of biometric authentication devices includes:

a second interface for connecting to the network and for communicating with the information processing apparatus via the network;

a secure element configured to perform biometric verification and comprising a second storage unit configured to store biometric information in advance;

a biometric sensor configured to acquire biometric information; and

a second processor configured to:

cause the biometric sensor to acquire the biometric information when the approval request signal is received;

cause the secure element to verify the biometric information acquired by the biometric sensor against the biometric information stored in the second storage unit; and

transmit the approval response signal to the information processing apparatus through the second interface when the biometric information acquired by the biometric sensor and the biometric information stored in the second storage unit are identified with each other.

2. The approval system according to claim 1, wherein the first processor determines, from among the plurality of biometric authentication devices, the biometric authentication device that includes the first storage unit in which biometric information of a user having the authority to perform the countermeasure processing is stored in advance, the determined biometric authentication device performing the approval processing.

3. The approval system according to claim 1, wherein

the first processor transmits through the first interface the approval request signal requesting approval by the authority to perform the countermeasure processing to the determined biometric authentication device, which has been determined from among the plurality of biometric authentication devices, and

the second processor transmits the approval response signal to the information processing apparatus through the second interface when the authority to perform the countermeasure processing matches an authority of a user of the biometric information identified with the biometric information acquired by the biometric sensor.

4. The approval system according to any one of claims 1 to 3, wherein the biometric information is a fingerprint.

5. The approval system according to any one of claims 1 to 4, wherein the state is a state satisfying a condition for determining that an anomaly occurs based on the data indicated by the sensor signal.

6. The approval system according to any one of claims 1 to 5, wherein the first processor is configured to determine a plurality of authorities to perform the countermeasure processing with reference to the countermeasure processing-and-authority associating table by determining a first authority to perform a part of the countermeasure processing and a second authority to perform another part of the countermeasure processing.