ABSTRACT

For use in monitoring invalid data that causes a computer to execute an invalid operation, there is provided, an invalidity-monitoring program that can monitor input/output data sent to and received from not only a network, but also an externally connected device, and that allows a user to set a variety of invalidity determination rules and apply an efficient rule. A data-acquisition unit (14) acquires input/output data, which is flowing on a network or an externally connected bus, and the ID of an operator. An invalid-operation-determination unit (15) determines whether an operation is invalid by acquiring attribute information on a user corresponding to the ID from a user-storage unit (12), by referencing a rule, corresponding to the attribute information from the rules stored in an invalidity-rule-storage unit (13) and defined for the respective user, and in addition, by referencing a rule that generally determines an operation as invalid regardless of the attributes stored in the invalidity-rule-storage unit (13). If it is found that the operation is invalid, an interruption-processing-execution unit (16) stops the processing to be executed by the operation.