[CLAIMS]

[Claim 1]

A management system comprising:

a storage unit configured to store information of nodes representing either keywords of information about a monitoring target or management points in the monitoring target, wherein the information of the nodes stored in the storage unit at least includes node configuration information that includes information of names of the nodes and values of the nodes, and information of processing nodes that are used for performing processing;

a map creation unit configured to create information of a map in which a plurality of nodes is connected on the basis of the information of the nodes stored in the storage unit, wherein the map creation unit is configured to create the information of the map such that a name is displayed for each node and is configured to create the information of the map such that a value of the node is displayed in a case in which the node has the value;

a display unit configured to display a map screen according to the information of the map created by the map creation unit;

a screen operation processing unit configured to perform processing defined by the information of the processing nodes stored in the storage unit when processing is requested to be performed for a processing node on the map screen by an operator; and

a monitoring/control system configured to receive instruction information from the screen operation processing unit to control a facility device of the monitoring target.

[Claim 2]

The management system according to claim 1, wherein the information of the nodes stored in the storage unit additionally includes at least node reference information that includes information representing parent nodes and information representing child nodes, and

wherein the map creation unit creates the information of the map in which the plurality of nodes is connected on the basis of the information of the nodes stored in the storage unit.

[Claim 3]

The management system according to claim 2, wherein, when a specific node on the map screen is designated as a central node by an operator, the map creation unit updates the information of the map such that the specific node is configured as the central node on the basis of the information of the nodes stored in the storage unit.

[Claim 4]

The management system according to any one of claims 1 to 3, wherein, when folding is designated with a specific node on the map screen selected by an operator, the map creation unit updates the information of the map such that display of layers below the specific node is omitted.

[Claim 5]

The management system according to claim 2, wherein the node reference information includes information that represents parent nodes in a case in which the parent nodes are referred to as virtual nodes, and

wherein, when another parent node of a specific node on the map screen is designated to be switched to a central node by an operator, in a case in which the specific node is defined as a virtual node in the node reference information, the map creation unit updates the information of the map such that the parent node referred to by the specific node as the virtual node is configured as the central node.

[Claim 6]

The management system according to claim 2, wherein, when a parent node of another node having the same name as a specific node on the map screen is designated to be switched to a central node by an operator, the map creation unit updates the information of the map such that the parent node of the another node having the same name as the specific node is configured as the central node on the basis of the information of the nodes stored in the storage unit.

[Claim 7]

The management system according to claim 1, wherein the screen operation processing unit transmits instruction information for instructing the monitoring/control system of the monitoring target to change a value of a management point corresponding to the processing node in accordance with an operation on the processing node that is performed by the operator.

[Claim 8]

The management system according to any one of claims 1 to 6 further comprising an information managing unit configured to update the value of the node corresponding to the management point in accordance with data of the management point transmitted from the monitoring/control system of the monitoring target,

wherein the map creation unit updates the information of the map in accordance with update of the value of the node.