In view of the above-mentioned circumstances, it is desirable to provide a monitor-and-control system, from which a user of the system is capable of obtaining information necessary for him easily.

According to an aspect of the present invention, there is provided a monitor-and-control system, including: user information storage configured to store user information identifying a user and a role corresponding to the user; role-to-information storage configured to store an apparatus name showing an apparatus-to-be-controlled and information on the apparatus in relation to the role; an apparatus information obtaining unit configured to retrieve a role corresponding to an input user information from the user information storage, and to retrieve an apparatus name corresponding to the retrieved role and corresponding information from the role-to-information storage; and a display controller configured to display the information retrieved by the apparatus information obtaining unit and the apparatus name retrieved by the apparatus information obtaining unit together on a display unit.

In the monitor-and-control system, the role-to-information storage may store a management/monitoring target in relation to the role, the management/monitoring target being the information on the apparatus, the management/monitoring target identifying a management and monitoring target of the apparatus, the monitor-and-control system may further include management/monitoring target and attribute storage configured to store an attribute of the management/monitoring target of the apparatus in relation to the apparatus name, the

name together on the display unit based on a display definition-corresponding-to-role corresponding to the role stored in the display definition-corresponding-to-role storage.

The monitor-and-control system may further include: authority information storage configured to store an access authority for the information on the apparatus in relation to the role; and an access controller configured to validate and invalidate access to information based on an access authority, the information being displayed by the display controller on the display unit, the access authority being stored in the authority information storage in relation to a role corresponding to input user information, in which the display controller may be configured to change a symbol of information displayed on the display unit corresponding to validation and invalidation controlled by the access controller.

In the monitor-and-control system, the management/monitoring target includes an operation status of the apparatus, a maintenance status of the apparatus, and a working status of the apparatus.

As described above, according to embodiments of the present invention, a user of the system is capable of obtaining information necessary for him from a monitor-and-control system easily.

Brief Description of Drawings

Fig. 1 is a configuration diagram showing the configuration of a monitor-and-control system of Embodiment 1 of the present invention;

Fig. 2 is a configuration diagram showing the configuration of the user information storage 101;