CLAIMS

1. An operating state display apparatus for a plurality of building facilities in one or more buildings comprising:

a display control unit that collects information indicating an operating state of each building facility and displays the information on a screen; and an input apparatus that accepts an operation input of a user, wherein

the display control unit is configured to

display a plurality of icons, each icon associated with one building facility of the building facilities, along a circumference of a cyclic movement arc on the screen,

cyclically move the plurality of icons on the screen in response to an operation input in a circumferential direction along the cyclic movement arc to the input apparatus,

when the icon moves to a designated area set within the cyclic movement arc, display on the screen information of the operating state of the one building facility indicated by the icon in the designated area, and

the display control unit arranges the icon indicating the building facility that falls under setting conditions depending on the user in the designated area in initial display.

2. The operating state display apparatus according to claim 1, wherein the designated area:

is at a midpoint of the cyclic movement arc; and

constitutes a building facility operating state breakdown display field on the screen.

3. The operating state display apparatus according to claim 1, wherein

the display control unit arranges the plurality of icons outside the designated area in initial display.

4. The operating state display apparatus according to claim 1, wherein

the display control unit displays, as a breakdown of the operating state of one building facility indicated by the icon in the designated area, at least one of a number of failures being responded and a number of inspection works being performed.

5. The operating state display apparatus according to claim 4, wherein

the display control unit displays on the screen an aggregate result regarding the operating states of all the building facilities subject to a maintenance contract.

6. The operating state display apparatus according to claim 4, wherein

the display control unit displays a badge icon indicating a total number including at least the number of failures being responded and the number of inspection works being performed included in the breakdown of the operating state of the one building facility indicated by the icon in the designated area.

7. The operating state display apparatus according to claim 1, wherein

the display control unit displays information of the operating state of the building facility for which a maintenance contract has been made.

8. The operating state display apparatus according to claim 7, wherein

the display control unit displays that the icon is in an inactive state when displaying the icon indicating the building facility for which the maintenance contract has not been made.

9. The operating state display apparatus according to claim 7, wherein

the display control unit displays the icon indicating the building facility for which the maintenance contract has not been made with a feature indicating that the maintenance contract has not been made.

10. The operating state display apparatus according to claim 1, wherein

the display control unit displays on the screen a function icon indicating a service that can be provided for the one building facility indicated by the icon in the designated area in conjunction with movement of the icon to the designated area.

11. The operating state display apparatus according to claim 1, wherein

the display control unit arranges the plurality of icons on a circumference and accepts an operation in a circumferential direction to the icon via the input apparatus.

12. The operating state display apparatus according to claim 5, wherein

the display control unit arranges the plurality of icons on a circumference, accepts an operation in a circumferential direction to the icon via the input apparatus, and displays at a central portion of the plurality of icons arranged in the circumferential direction the aggregate result regarding the operating states of all the building facilities subject to the maintenance contract.

13. The operating state display apparatus according to

any one of claims 1 to 12, wherein

the display control unit, when the building facility makes an emergency call, moves the icon indicating the building facility that has made the emergency call into the designated area and displays the operating state of the building facility that has made the emergency call on the screen.

14. An operating state display method for a plurality of building facilities in an operating state display apparatus including: a display control unit that collects information indicating an operating state of each building facility and displays the information on a screen; and an input apparatus that accepts an operation input of a user, the method comprising:

processing of displaying a plurality of icons, each icon associated with one building facility, along a circumference of a cyclic movement arc on the screen with the display control unit,

processing of cyclically moving the plurality of icons on the screen in response to an operation input in a circumferential direction along the cyclic movement arc to the input apparatus with the display control unit,

processing of displaying, when the icon moves to a designated area set within a cyclic movement arc, on the screen information of the operating state of the one building facility indicated by the icon in the designated

area, and

arranging the icon indicating the building facility that falls under setting conditions depending on the user in the designated area in initial display.