CLAIMS

1. A setting system comprising:

a setting input section configured to receive an input of setting data on a setting of operation of a plurality of facilities, the plurality of facilities being configured to be installed in a building and to establish an environment of the building, the plurality of facilities including a lighting fixture and a shielding apparatus, the shielding apparatus being configured to automatically switch a shielding state with respect to outside light;

an image data generator configured to render, based on model data, image data representing a light environment corresponding to the setting data of the building, the model data including three-dimensional data on a three-dimensional shape of the building and facility data on the plurality of facilities installed in the building;

a control data generator configured to generate control data for executing control corresponding to the setting data over the plurality of facilities;

the setting data including time data on a time slot in which a lighting state of the lighting fixture is switched and a time slot in which the shielding state of the shielding apparatus is switched; and

the image data generator being configured to generate, based on the time data, a moving image representing a time change of the light environment corresponding to the setting data of the building.

2. A setting system comprising:

a setting input section configured to receive an input of setting data on a setting of operation of a plurality of facilities, the plurality of facilities being configured to be installed in a building and to establish an environment of the building, the plurality of facilities including a lighting fixture and a shielding apparatus, the shielding apparatus being configured to automatically switch a shielding state with respect to outside light;

an image data generator configured to render, based on model data, image data representing a light environment corresponding to the setting data of the building, the model data including three-dimensional data on a three-dimensional shape of the building and facility data on the plurality of facilities installed in the building;

a control data generator configured to generate control data for executing control

corresponding to the setting data over the plurality of facilities;

the control data including specifying data which specifies a specific operation input portion of a plurality of operation input portions included in an operation terminal, the plurality of operation input devices each being configured to receive a manual operation, and

the operation terminal being configured to, when the manual operation is given to the specific operation input portion specified by the specifying data, execute control corresponding to the control data over the plurality of facilities.

3. The setting system of claim 2, wherein

the setting data includes time data on a time slot in which a lighting state of the lighting fixture is switched and a time slot in which the shielding state of the shielding apparatus is switched.

4. The setting system of any one of claims 1 to 3, wherein

the setting data includes grouping data which groups the plurality of facilities, and

the control data generator is configured to generate the control data for collectively controlling two or more facilities, grouped into one group by the grouping data, of the plurality of facilities.

5. The setting system of any one of claims 1 to 4, further comprising a communicator configured to transmit the control data to a control apparatus installed in the building, wherein

the control apparatus is configured to, when receiving the control data, execute the control corresponding to the setting data over the plurality of facilities.

6. The setting system of any one of claims 1 to 5, further comprising an output section configured to output the image data generated by rendering by the image data generator to a display terminal configured to display an image corresponding to the image data.

7. A space creating system comprising:

the setting system of any one of claims 1 to 6;

a design data generator configured to generate design data in accordance with the three-dimensional data on the three-dimensional shape of the building, the design data being data on a selection and an arrangement of the plurality of facilities, the selection and the arrangement being made such that the environment of the building satisfies a prescribed environmental standard; and

a management data generator configured to generate management data in accordance with the design data and the facility data, the management data being data on management of the plurality of facilities,

the image data generator being configured to render the image data by using the design data as at least part of the facility data.

8. A setting method comprising:

a setting input process of receiving an input of setting data on a setting of operation of a plurality of facilities, the plurality of facilities being configured to be installed in a building and to establish an environment of the building, the plurality of facilities including a lighting fixture and a shielding apparatus configured to automatically switch a shielding state with respect to outside light;

an image data generation process of rendering, based on model data, image data representing a light environment corresponding to the setting data of the building, the model data including three-dimensional data on a three-dimensional shape of the building and facility data on the plurality of facilities installed in the building;

a control data generation process of generating control data for executing control corresponding to the setting data over the plurality of facilities;

the setting data including time data on a time slot in which a lighting state of the lighting fixture is switched and a time slot in which the shielding state of the shielding apparatus is switched; and

the image data generation process including generating, based on the time data, a moving image representing a time change of the light environment corresponding to the setting data of the building.

9. A setting method comprising:

a setting input process of receiving an input of setting data on a setting of operation of a plurality of facilities, the plurality of facilities being configured to be installed in a building and to establish an environment of the building, the plurality of facilities including a lighting fixture and a shielding apparatus configured to automatically switch a shielding state with respect to outside light;

an image data generation process of rendering, based on model data, image data representing a light environment corresponding to the setting data of the building, the model data

including three-dimensional data on a three-dimensional shape of the building and facility data on the plurality of facilities installed in the building;

a control data generation process of generating control data for executing control corresponding to the setting data over the plurality of facilities;

the control data including specifying data which specifies a specific operation input portion of a plurality of operation input portions included in an operation terminal, the plurality of operation input devices each being configured to receive a manual operation, and

the operation terminal being configured to, when the manual operation is given to the specific operation input portion specified by the specifying data, execute control corresponding to the control data over the plurality of facilities.

10. A program configured to cause one or more processors to execute the setting method of claim 8 or 9.