CLAIMS

1. A maintenance support system for a plurality of maintenance-target apparatuses in a plant, comprising:

a maintenance information delivery unit configured to deliver maintenance information that indicates at least one specific apparatus on which maintenance should be performed to maintenance personnel every preset time, the specific apparatus being selected from the plurality of maintenance-target apparatuses,

wherein the maintenance information delivery unit is configured to deliver predictive information to the maintenance personnel at a specified time between the previous delivery of the maintenance information and the next delivery of the maintenance information, the predictive information that indicates predictions regarding at least one specific apparatus on which maintenance should be performed at the next delivery of the maintenance information, the specific apparatus being selected from the plurality of maintenance-target apparatuses.

2. The maintenance support system according to claim 1, further comprising:

detectors configured to detect a state of each maintenance-target apparatus; and

a determination unit configured to generate determination results based on detected detection signals, the determination results being results of determination regarding the states of the maintenance-target apparatuses,

wherein the maintenance information delivery unit is configured to generate the maintenance information from the determination results that are based on the detection signals detected during the preset time, and

generate the predictive information from the determination results that are based on the detection signals detected during a period from the previous delivery of the maintenance information to the specified time.

3. The maintenance support system according to claim 2,

wherein the detectors are configured to intermittently detect the state of each maintenance-target apparatus a plurality of times during the preset time,

the determination unit is configured to generate the determination results regarding the states of the maintenance-target apparatuses respectively for the detected detection signals,

the maintenance information delivery unit is configured to generate the maintenance information based on statistics regarding the determination results obtained during the preset time, and

the maintenance information delivery unit is configured to generate the predictive information based on the statistics regarding the determination results obtained during a period from the previous delivery of the maintenance information to the specified time.

4. The maintenance support system according to claim 2 or 3,

wherein the determination unit is configured to generate the determination results that include remaining battery charge of the detectors, and

the maintenance information delivery unit is configured to generate the maintenance

information and the predictive information that include remaining battery charge of the detectors at the present time and predicted remaining battery charge of the detectors in the future.

5. The maintenance support system according to any one of claims 2 to 4,

wherein the time required for maintenance work on the plant has been set as a preset maintenance work time, and

the determination unit configured to generate the determination results based on the detection signals that are detected after the preset maintenance work time has elapsed.

6. A maintenance support method for a plurality of maintenance-target apparatuses in a plant, comprising:

a maintenance information delivery step of delivering maintenance information that indicates at least one specific apparatus on which maintenance should be performed to maintenance personnel every preset time, the specific apparatus being selected from the plurality of maintenance-target apparatuses, and

a predictive information delivery step of delivering predictive information to the maintenance personnel at a specified time between the previous maintenance information delivery step and the next maintenance information delivery step, the predictive information that indicates predictions regarding at least one specific apparatus on which maintenance should be performed at the next maintenance information delivery step, the specific apparatus being selected from the plurality of maintenance-target apparatuses.