CLAIMS

1. A management apparatus comprising:

an acquisition unit configured to acquire information containing first process data indicating a result of a substrate process in a first process condition and second process data indicating a result of a substrate process in a second process condition different from the first process condition,

wherein the first process condition includes a recipe which is a process condition to be shared and used by a plurality of apparatuses, and an apparatus parameter which is a process condition not to be shared by a plurality of apparatuses, and

wherein the second process condition includes the recipe and the apparatus parameter,

a display control unit configured to control a display on a display apparatus based on the information acquired by the acquisition unit,

wherein the display control unit is configured to display, on the display apparatus, a first screen displaying a first data group in which the first process data is arranged chronologically and a second data group in which the second process data is arranged chronologically, the first screen displaying the first data group in a region and the second data group in another region.

2. The management apparatus according to claim 1, wherein the display control unit is configured to selectively display the first screen and a second screen on the display apparatus, the second screen displaying the first data group and the second data group in the same region.

3. The management apparatus according to claim 1, wherein the display control unit is configured to display, on the display apparatus, a second screen together with the

first screen, the second screen displaying the first data group and the second data group in the same region.

4. The management apparatus according to any one of claims 1 to 3, wherein the display control unit is configured to display the first process data and the second process data chronologically on a graph.

5. The management apparatus according to claim 4, wherein the display control unit is configured to display on the display apparatus, change history information of a process condition which has been changed.

6. The management apparatus according to any one of claims 1 to 5, further comprising a calculation unit configured to calculate lot-based process data based on substrate-based process data acquired by the acquisition unit, the lot including a plurality of substrates.

7. The management apparatus according to claim 6, wherein the calculation unit is configured to calculate the lot-based process data based on one statistical value from a maximum value, a minimum value, a mean value, a median value, and a standard deviation of the substrate-based process data acquired by the acquisition unit, the lot including the plurality of substrates.

8. The management apparatus according to any one of claims 1 to 7, wherein the display control unit is configured to display a process condition of a user-designated lot including a plurality of substrates on the display apparatus.

9. A method for processing information in a management apparatus comprising:

acquiring information containing first process data indicating a result of the substrate process in a first process condition and second process data indicating a result of a substrate process in a second process condition different from the first process condition,

wherein the first process condition includes a recipe which is a process condition to be shared and used by a plurality of apparatuses, and an apparatus parameter which is a process condition not to be shared by a plurality of apparatuses, and

wherein the second process condition includes the recipe and the apparatus parameter,

controlling a display on a display apparatus based on the acquired information,

wherein the control is performed to display, on the display apparatus, a first screen displaying a first data group in which the first process data is arranged chronologically and a second data group in which the second process data is arranged chronologically, the first screen displaying the first data group in a region and the second data group in another region.

10. The method for processing information in a management apparatus according to claim 9, wherein the control is performed to selectively display the first screen and a second screen on the display apparatus, the second screen displaying the first data group and the second data group in the same region.

11. The method for processing information in a management apparatus according to claim 9, wherein the control is performed to display, on the display apparatus, a second screen together with the first screen, the second screen displaying the first data group and the second data group in the same region.

12. The method for processing information in a management apparatus

according to claims 9 to 11, wherein the first process data and the second process data are information containing a result of an operation of a processing apparatus that performs the substrate process and containing a state of a substrate having undergone the substrate process.

13. A program for causing a computer to execute the information processing method according to any one of claims 9 to 12.

14. An article manufacturing system comprising:

an information processing apparatus according to any one of claims 1 to 8; and

a pattern forming apparatus configured to form a pattern on a substrate,

wherein the information processing apparatus manages a plurality of apparatuses including the pattern forming apparatus.

15. An article manufacturing method comprising:

forming a pattern on a substrate using the article manufacturing system according to claim 14; and

performing at least one process from oxidation, film forming, vapor deposition, doping, flattening, etching, resist removing, dicing, bonding, and packaging on the substrate having the pattern formed thereon,

wherein an article is manufactured from the processed substrate.