

WHAT IS CLAIMED IS:

1. A system, comprising:
a plurality of sub-controllers configured to control a plurality of modules,
respectively; and
a main controller including a memory provided with a first storage configured to store system files currently set in the plurality of modules and a second storage configured to store a history of uploading or downloading of the system files for the plurality of modules as history information,
wherein the main controller is configured to, when transmitting and receiving the system files to and from the plurality of sub-controllers, store the transmitted or received system files in the first storage and store the history information of the system files in the second storage, according to a comparison result between the transmitted or received system files and the system files stored in the first storage.
2. The system of Claim 1, wherein the main controller is configured to store the history information, which shows a change history of the system files used in the plurality of modules, in the second storage.
3. The system of Claim 2, wherein the main controller is configured to store the system files uploaded or downloaded for the plurality of modules in the second storage and in the first storage at the same time.
4. The system of Claim 1, wherein when the system files for the plurality of modules are uploaded and the uploaded system files are different from the system files stored in the first storage, or when the system files for the plurality of modules are downloaded and the downloaded system files are different from the system files stored in the first storage, the main controller is configured to store the uploaded or downloaded system files in the first

storage and store the history information of the system files in the second storage.

5. The system of Claim 1, wherein when the plurality of modules is connected to the main controller, the main controller is configured to make an upload request for the system files for the plurality of connected modules.

6. The system of Claim 1, wherein the main controller is configured to store the system files uploaded or downloaded for the plurality of modules in a folder of the second storage whose folder name is set as a date of when the system files are uploaded or downloaded.

7. The system of Claim 6, wherein the main controller is configured to add, to the folder name, a serial number incremented by 1 in an order stored in the second storage and a time of when the system files are uploaded or downloaded.

8. The system of Claim 1, wherein the main controller is configured to, when a module is newly connected, upload system files for the newly connected module and is configured to, when there is no difference between the system files stored in the first storage and the system files for the newly connected module, do nothing.

9. The system of Claim 6, wherein the main controller is configured to search the second storage based on a designated date and leave one of the latest system files for the modules before the designated date in the folder.

10. The system of Claim 9, wherein the main controller is configured to erase the system files for the modules preceding the latest system files for the modules before the designated date.

11. The system of Claim 6, wherein the main controller is configured to erase the folder

whose contents are empty.

12. The system of Claim 1, wherein the first storage is configured to store the same system files as the system files downloaded for the plurality of modules.

13. The system of Claim 1, wherein information on the system files uploaded or downloaded for the plurality of modules is stored in the second storage in a chronological order.

14. The system of Claim 3, wherein the second storage is configured to store a folder whose folder name is set as a date and time of when uploading or downloading is performed for the plurality of modules, and the folder is configured to store the uploaded or downloaded system files and information about the plurality of modules for which uploading or downloading is performed.

15. A substrate processing apparatus, comprising:

a plurality of sub-controllers configured to control a plurality of modules, respectively; and

a main controller including a memory provided with a first storage configured to store system files currently set in the plurality of modules and a second storage configured to store a history of uploading or downloading of the system files for the plurality of modules as history information,

wherein the main controller is configured to, when transmitting and receiving the system files to and from the plurality of sub-controllers, store the transmitted or received system files in the first storage and store the history information of the system files in the second storage, according to a comparison result between the transmitted or received system files and the system files stored in the first storage.

16. A method of manufacturing a semiconductor device, comprising:
- when transmitting and receiving system files between a plurality of sub-controllers configured to control a plurality of modules, respectively, and a main controller including a memory provided with a first storage configured to store system files currently set in the plurality of modules and a second storage configured to store a history of uploading or downloading of the system files for the plurality of modules as history information, storing the transmitted or received system files in the first storage and storing the history information of the system files in the second storage, according to a comparison result between the transmitted or received system files and the system files stored in the first storage; and
- processing a substrate by executing a process recipe by using the system files.
17. A program executed in a substrate processing apparatus that includes:
- a plurality of sub-controllers configured to control a plurality of modules, respectively; and
- a main controller including a memory provided with a first storage configured to store system files currently set in the plurality of modules and a second storage configured to store a history of uploading or downloading of the system files for the plurality of modules as history information,
- wherein the program causes, by the main controller, the substrate processing apparatus to perform a process comprising:
- when transmitting and receiving the system files between the main controller and the sub-controllers, storing the transmitted or received system files in the first storage and storing the history information of the system files in the second storage, according to a comparison result between the transmitted or received system files and the system files stored in the first storage.