

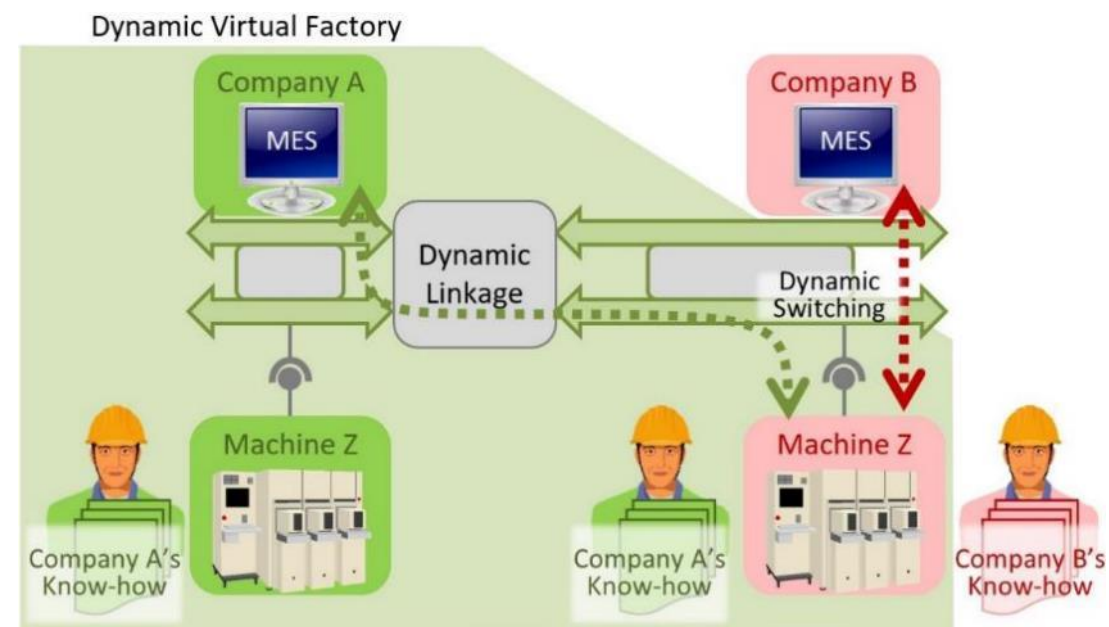
Dynamically installing necessary manufacturing know-how into the appropriate machines in multiple companies **securely**, as Crowd Manufacturing for Sharing Economy

[Purpose]

A time-shared type crowd-sourcing that a factory of Company A (“A”) buys right to utilize a machine and operators in a factory of Company B (“B”) in a certain time interval.

[Mechanism]

- 1) A control network between A and B is created at the scheduled time for the creation of a virtual MES*, **dynamically**.
- 2) The machine is connected dynamically to A’s MES. A can control (i) in what sequence A’s jobs are executed, and (ii) how manufacturing should be executed (e.g., with NC-code).
- 3) A also gets shop-floor data in the given interval.



Provided by Hitachi

*MES: Manufacturing Execution System

[Collaborated with]

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