



Synchronous Manufacturing

- Synchronous manufacturing (SM) is a less-known manufacturing management philosophy that views the resources and activities of an organization as elements of an interdependent network, and manages them in such a way as to optimize the performance of the entire system (Srikanth and Umble, 1997).



Example

- Think of a single checkout queue in a supermarket. Customers are served one after another. The cashier must finish with one customer entirely before serving the next. This linear process is akin to synchronous operations — one task must complete before moving on to the next.