

# SHARING ECONOMY OF INDUSTRIAL FACTORIES

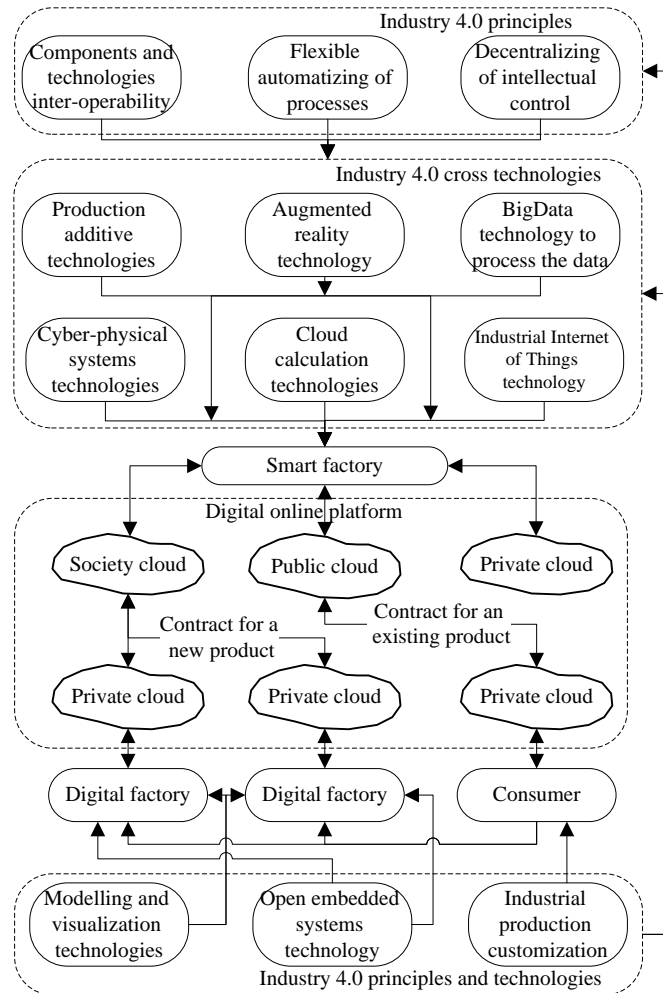
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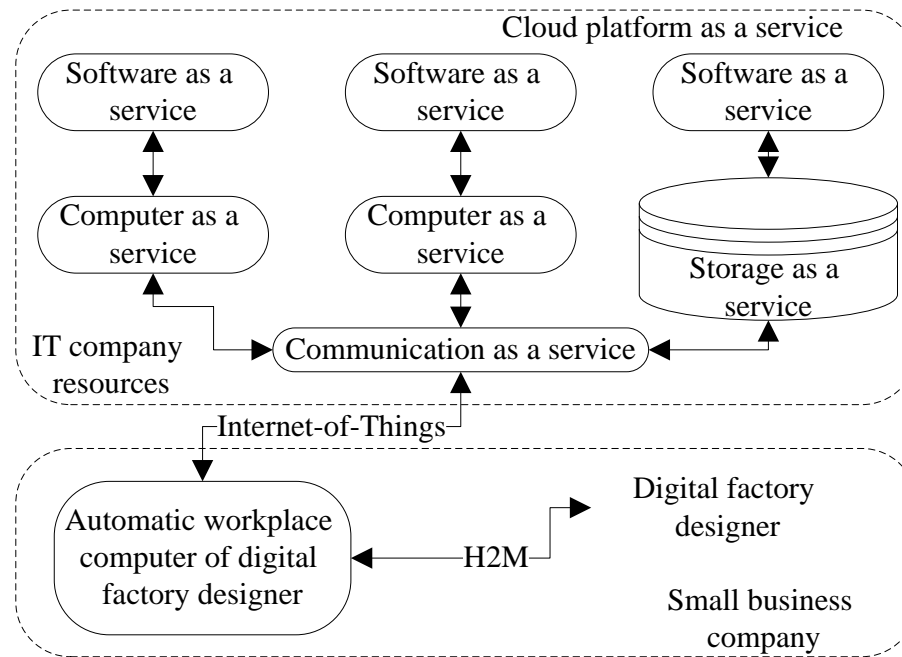
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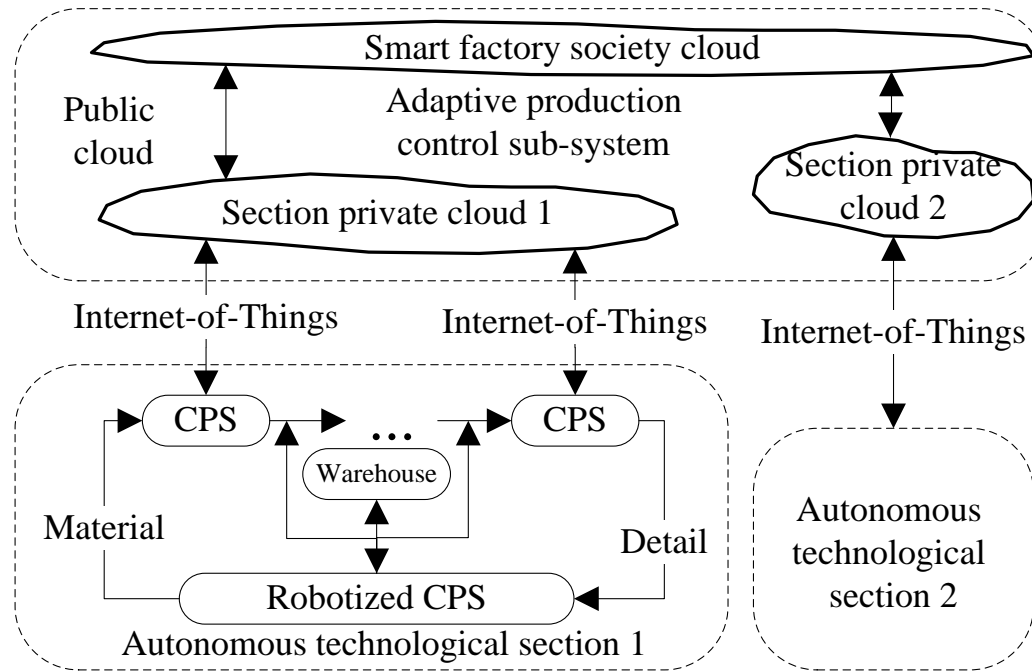
**Abstract.** Perspective approaches how to organize a production led to creation of new economic-industrial models (EIM) to describe business processes of companies interaction. The sharing model is actual to be implemented under knowledge economy conditions, which is an approach to manufacture an item by renting for money principles. When a small innovation company pays for a cyber-physical production (CPP) resources renting. Company resources renting may significantly reduce project companies expenses and provide some customization (orientation for a consumer) of the item being manufactured properties. There is an EIM to describe business processes for a big factory, within which some factory makes an apparent projection of a customized item and rents factory CPP resources to produce an item. It is clear that the sharing EIM key component is an online cloud solution, which supports electronic contract servicing within the system of the digital companies electronic commerce.



**Figure 1.** The sharing EIM.



**Figure 2.** Interaction scheme of the cloud components being rented, which are used for high-tech product open design in the sharing EIM (IT - *Information Technology*).



**Figure 3.** Smart factory structural organization scheme for the sharing EIM.