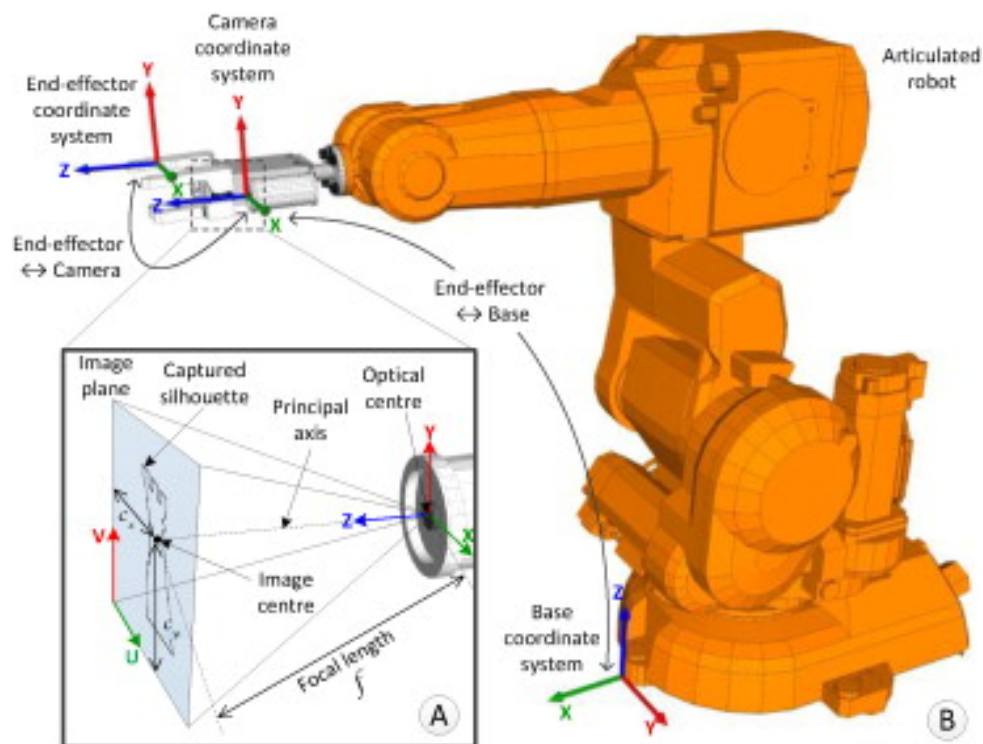


# 3D model-driven remote robotic assembly system enhancing distributed manufacturing

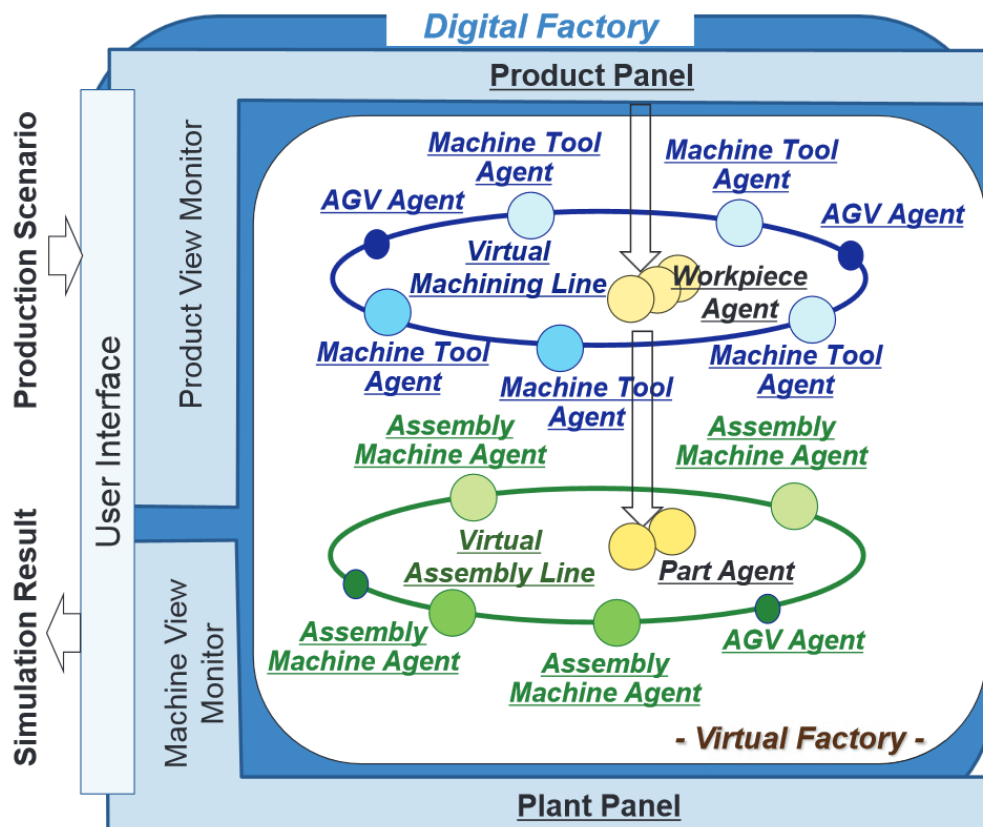


<http://www.sciencedirect.com/science/article/pii/S000785061400016X>

Lihui Wang , Abdullah Mohammed , Mauro Onori. 2014. Remote robotic assembly guided by 3D models linking to a real robot. CIRP Annals - Manufacturing Technology, Volume 63, Issue 1, 2014, 1 – 4.

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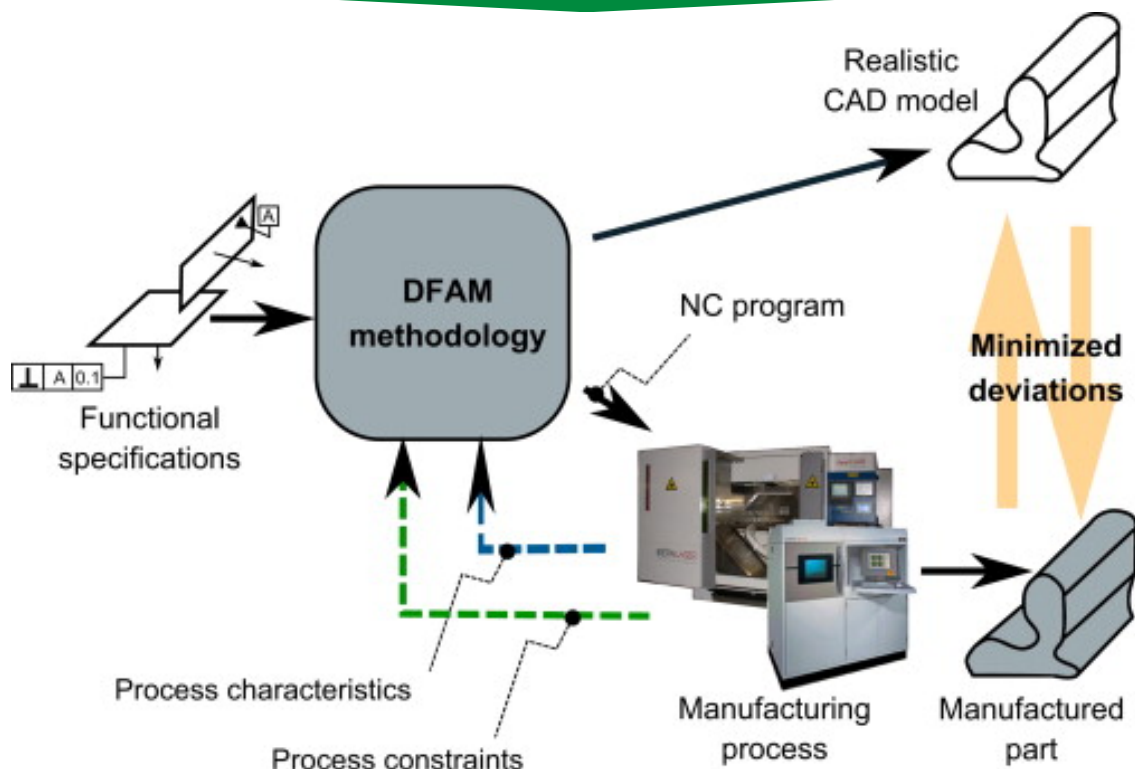
# Optimized production scenarios with digital factory pay attention to economic and environmental aspects



[http://ac.els-cdn.com/S221282711200193X/1-s2.0-S221282711200193X-main.pdf?\\_tid=25552300-64ef-11e4-9851-00000aab0f01&acdnat=1415194081\\_1d64e203df31ee0ee1d727b48444cef6](http://ac.els-cdn.com/S221282711200193X/1-s2.0-S221282711200193X-main.pdf?_tid=25552300-64ef-11e4-9851-00000aab0f01&acdnat=1415194081_1d64e203df31ee0ee1d727b48444cef6)

M. Matsuda, K. Kashiwase, Y. Sudo. 2012. Agent Oriented Construction of a Digital Factory for Validation of a Production Scenario. 45<sup>th</sup> CIRP Conference on Manufacturing Systems 2012.

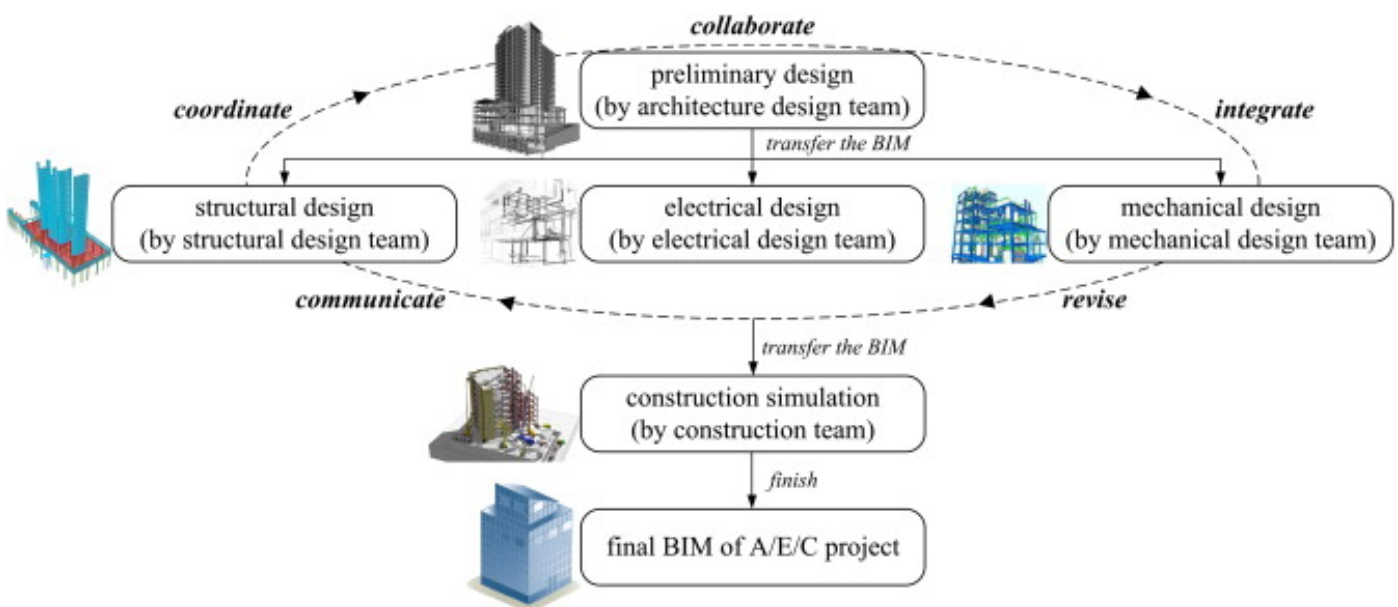
# Functional part building with Design For Additive Manufacturing (DFAM) increasing productivity and cost efficiency



<http://www.sciencedirect.com/science/article/pii/S0736584513001026>

Remi Ponche , Olivier Kerbrat , Pascal Mognol , Jean-Yves Hascoet.  
2014. A novel methodology of design for Additive Manufacturing applied to Additive Laser Manufacturing process. Robotics and Computer-Integrated Manufacturing, 30(4), pp. 389 - 398

# Online modeling platform for inter-disciplinary collaboration on two levels: A hybrid client-server and peer-to-peer (P2P)

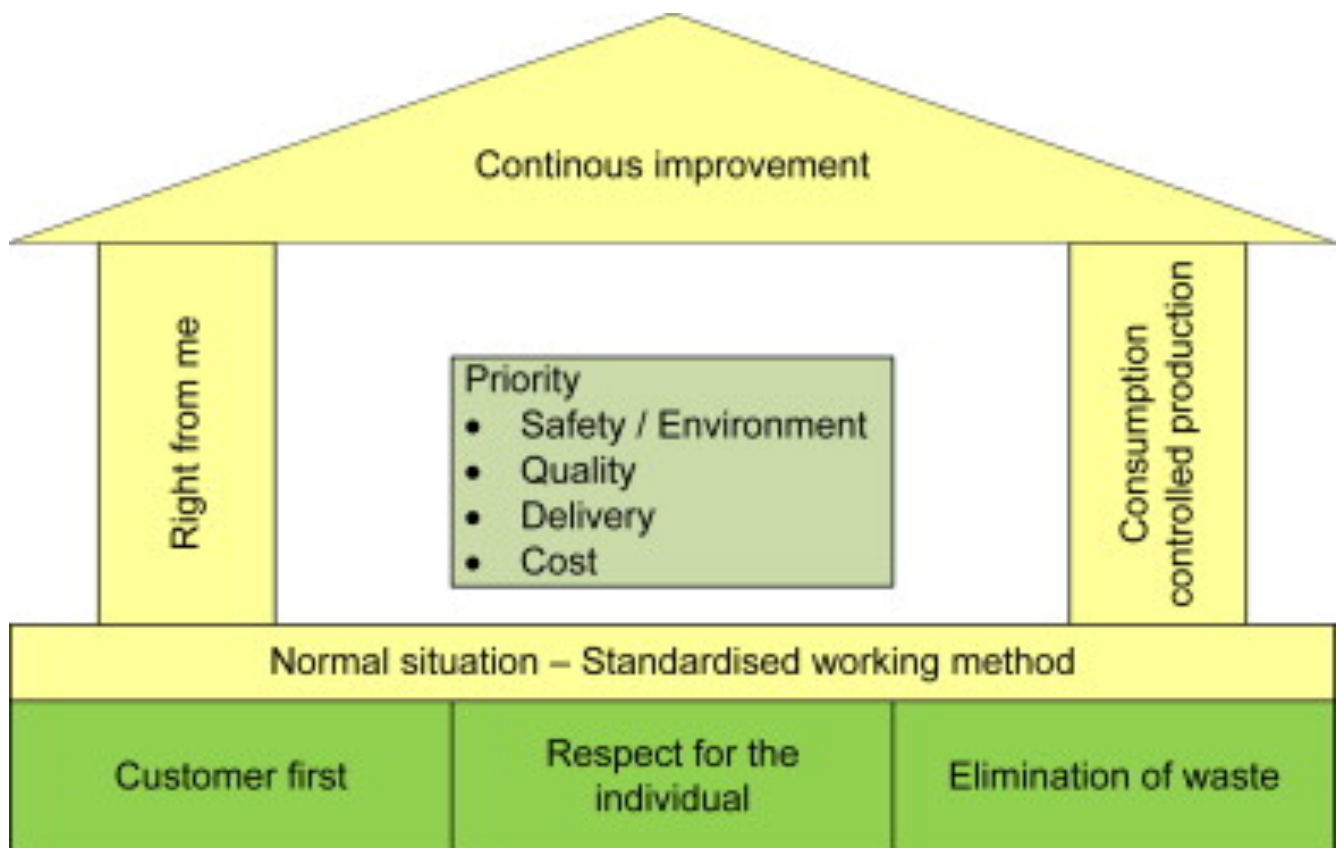


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Hung-Ming Chen , Chuan-Chien Hou. 2014. Asynchronous online collaboration in BIM generation using hybrid client-server and P2P network. Automation in Construction, Volume 45, 2014, 72 - 85

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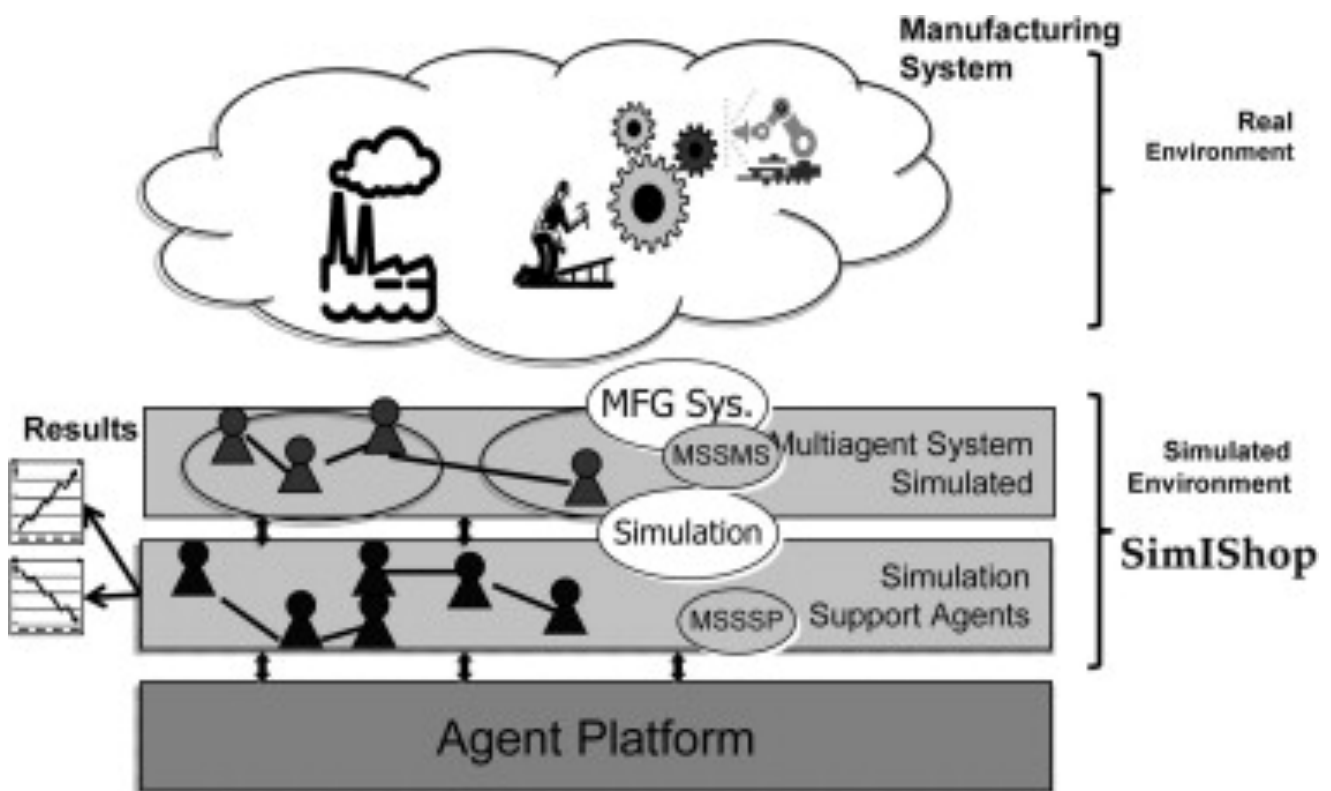
# Continuous improvement and organisational performance by integrated management systems



<http://www.sciencedirect.com/science/article/pii/S0959652614003606>

Martin Kurdve , Mats Zackrisson , Magnus Wiktorsson , Ulrika Harlin. 2014. Lean and green integration into production system models – experiences from Swedish industry. Journal of Cleaner Production, 85, pp. 180 - 190

# A new simulation tool for the "new manufacturing era": Distributed organization, interoperability, cooperation, scalability, fault tolerance and agility

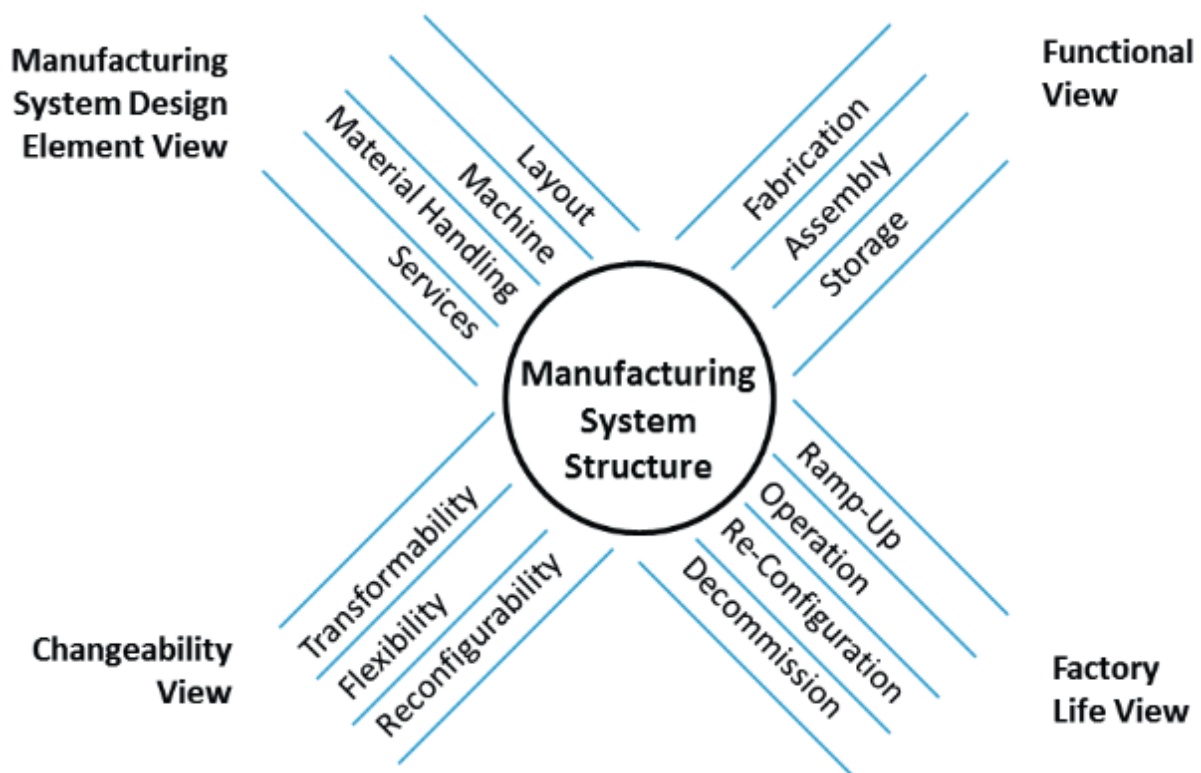


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Nancy Ruiz ,Adriana Giret , Vicente Botti , Victor Feria. 2014. An intelligent simulation environment for manufacturing systems. Computers & Industrial Engineering, Volume 76, pp. 148 – 168.

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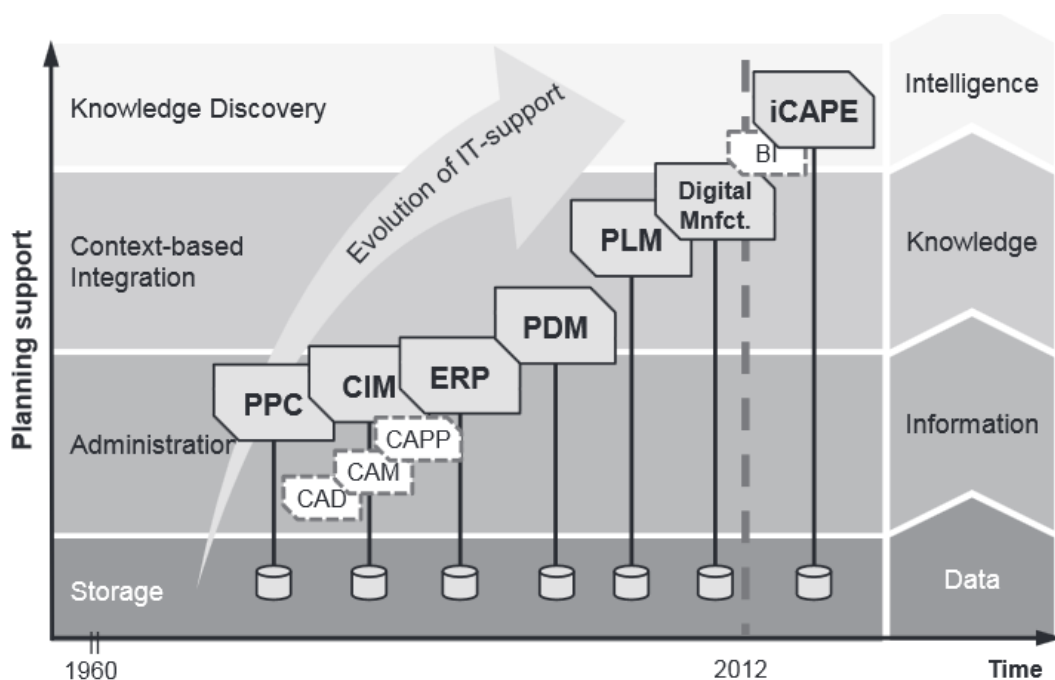
# Factories are products: digital decision support tool for planning changeable manufacturing systems



<http://www.sciencedirect.com/science/article/pii/S2212827114003722#>

Emmanuel Francalanza, Jonathan Borg, Carmen Constantinescu. 2014. Deriving a Systematic Approach to Changeable Manufacturing System Design. Variety Management in Manufacturing — Proceedings of the 47th CIRP Conference on Manufacturing Systems.

# Knowledge discovery processes in industrial databases to support planning and decision making



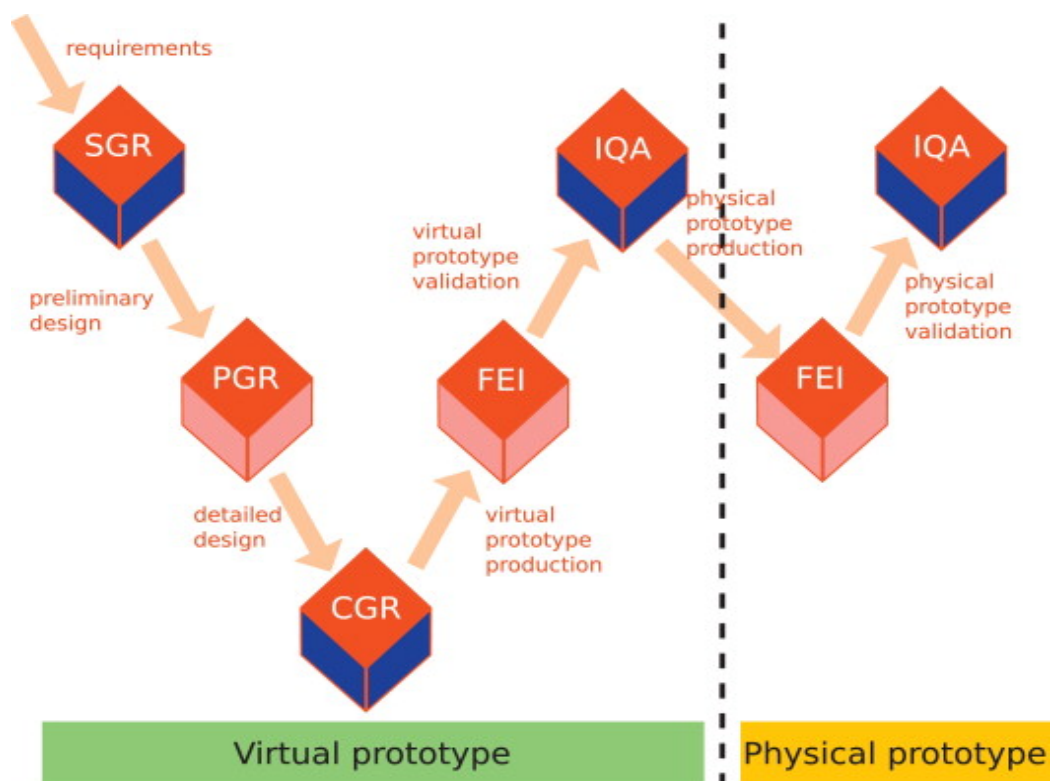
BI: Business Intelligence  
 CAD: Computer Aided Design  
 CAM: Computer Aided Manufacturing  
 CAPP: Computer Aided Process Planning  
 CIM: Computer Integrated Manufacturing  
 ERP: Enterprise Resource Planning  
 iCAPE: intelligent Computer Aided Product Emergence  
 PDM: Product Data Management  
 PLM: Product Lifecycle Management  
 PPC: Production Planning and Control

<http://www.sciencedirect.com/science/article/pii/S2212827112002454#>

Erohin, O., Kuhlmann, P., Schallow, J. and Deuse J. 2012. Intelligent Utilisation of Digital Databases for Assembly Time Determination in Early Phases of Product **Emergence**. 45th CIRP Conference on Manufacturing Systems 2012. Procedia CIRP 3, pp. 424–429



# Framework for checklist-based project reviews applying all steps of the Product Lifecycle Management (PLM)



<http://www.sciencedirect.com/science/article/pii/S0166361513000717>

Fillatreau, P., Fourquet, J.-Y., Le Bolloc'h, R., Cailhol, S., Datas, S., Puel, B. 2013. Using virtual reality and 3D industrial numerical models for immersive interactive checklists. *Computers in Industry*, 64 (9), pp. 1253–1262