

## **Special aspects of modern production systems organization**

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### **Abstract**

© Medwell Journals, 2016. We conducted analysis of content and key elements of the production systems of Toyota, Ford and "GAZ Group" companies. It was determined, that general principles of the production system buildup and its philosophy are established at this stage of development. However, when replicating the experience of the industry leaders, the system in its pure form cannot be "transferred" to another economic environment. Therefore, in the context of domestic practice, the experience in building up production systems requires further development and adaptation to the existing environment.

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### **Keywords**

Complex systems, Flexible production, Production system, Systems for creating a high-tech product reference areas