



SIMULATION OF LOGISTICAL PROCESSES

The focus of the competence area is the **planning, development and optimization of production and service processes using simulation modelling**. The role of this activity is becoming ever more important as the complexity of logistics processes increases.

COMPETENCIES

- Development of logistics development concepts
- Logistics process planning
- Feasibility study of logistics investments
- Optimising the operation of complex logistics systems
- Optimising the operation of complex logistics systems



SERVICES

- Development, design and optimization of logistics systems with simulation modelling
- Review of logistics investment plans
- Providing educational activities through a further training course in logistics simulation engineering



TOOLS

- Tecnomatix Plant Simulation industrial version
- Factory CAD software
- 12 teaching workstations



REFERENCES

- Development and implementation of a parametrizable simulation test model for the production of small series body parts for AUDI HUNGARIA MOTOR Kft.
- Development of parameterizable simulation test models for the examination of the material flow system variants of the motors and the associated unit load-generating devices between the loading and unloading points for AUDI HUNGARIA Zrt.
- Carrying out innovative design tasks for warehouse design and production line material supply for CLAAS Hungária Kft.