



## Case: Stala Oy



# STALA

Stala is a Finnish company that was founded in 1972; the company makes stainless steel worktops and sinks and waste-separation systems for the domestic kitchen. Stala's strengths are an innovative user-friendly design, creative marketing concepts, and an excellent dealer network. Since the 1970s, design has been part of Stala's activities, and it is one of the corner stones of the company. This is clearly demonstrated by the entire product range and by the activities of the company.

### Securing the delivery certainty and efficiency by layout optimization

Stala Oy is going to optimize the production line layout so it could better respond to the customer demand in the future. Stala decided to use dynamic simulation as a tool to analyze delivery certainty and the production line layout. Also maintaining and improving production efficiency was one of the key issues. SW-Development built a simulation model of Stala's production and storages.

Simulation of the production gave valuable information about the delivery certainty, changes in the storage levels and the utilization of the machines. Simulation was able to point out the possible bottlenecks. Also performance requirements for the machines and the number of employee were surveyed by different scenarios.

According to Stala's production manager:

*"This study gave us valuable information about the factors affecting efficiency of the production line and delivery certainty of our products. Goals that we set on the project were fulfilled."*

Further information:

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