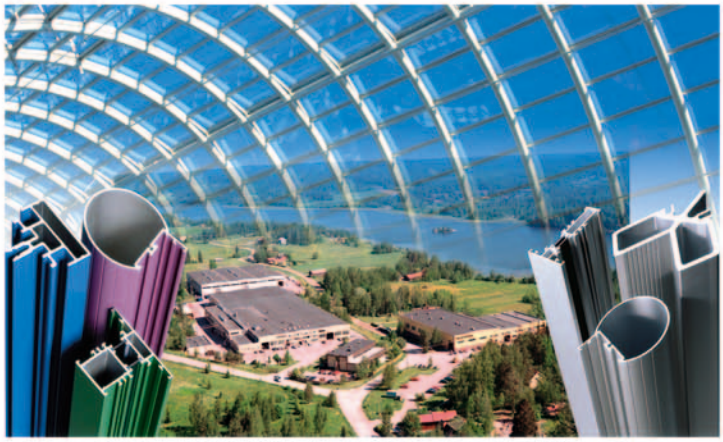
Case: Linjapinta Oy



Securing investment and production efficiency

Linjapinta has decided to increase aluminium coating capacity and because of that, new investments are needed. Linjapinta decided to use simulation to find out optimal resources and cost effectiveness.

Most important part of planned investment was to find out what kinds of machines are suitable for estimated production. Type of machines essentially affects how many people have to work at production line. With simulation model it was easy to test different kind of working hours before investment.

Conveyors are essential part of planned layout, and with help of simulation model it was possible to gather important information how layout works. Not only the places of conveyors, but also find out needed buffers between machines in manufacturing line and different controlling rules.

Simulation model was built by SW-Development with help of Linjapinta Oy. When simulation model was already finished, Linjapinta bought own run-time license and SW-Development teach them to use it. Most of the simulations were made by Linjapinta Oy.

Linjapinta says: "Now when model is done, and we have own license, we have planned to use model in operative planning". With simulation model they are able to estimate how many people and how long times are needed. It is also possible to see upcoming problems beforehand.

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Linjapinta Oy

Linjapinta Oy is part of the Purso Oy. The turnover of Purso Oy is about 45 million euros, and the number of employees 250. Purso Oy has works at Siuro and Ikaalinen. The deliveries of Purso Oy Aluminium Works in the year 2004 were appr. 11 500 tons. Some 20% of the production is exported, mainly to EU-countries.

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