



Case: **Areva T&D Ltd**



Optimising production efficiency in Tampere factory

Areva T&D is making efficiency improvements into the high voltage capacitor unit line in Tampere factory. A new improved layout has been designed and investments into the machinery and new buffer conveyer lines have been planned.

SW-Development Oy made a study for Areva, where the problematic parts of the new assembly line were identified using production modelling and dynamic simulation. The goal of the project was to secure the production efficiency of the assembly line with different production schedules, number of operators and production parameters. The simulation study pointed out the key bottlenecks in the layout, number of operators for different volumes and required capacity values for machinery. The study also showed that the real investment needs for the new buffer conveyer lines were lower than initially planned. Production director Jarmo Päivä says: "The study revealed significant points that affected the investment decisions."

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Areva-TD, Tampere (former Nokian Capacitors)

Areva-TD Tampere engineers and manufactures equipment and systems for reactive power compensation and harmonic filtering. Customers include housing and commercial premises, construction firms and industrial enterprises as well as companies engaged in the production, transmission and distribution of energy worldwide.

Source: <http://www.nokiancapacitors.com/presentation.htm>