

Efficient design? *Know how.*

With funding from Switzerland, we helped Aselina, a clothing manufacturer from the Kyrgyz Republic, introduce new technology to make their processes more efficient and almost double their turnover.



Clothing manufacturer, Kyrgyz Republic

With our support, Aselina, a Kyrgyz manufacturer of women's clothing, improved their operational processes and increased turnover by 90% in the following year. We connected them with a local consultant, who introduced a tailored GRAPHIS Computer Aided Design system. Introducing the system led to significant improvements in the quality of the end product, reduced waste and spoilage, and increased gross margins.

Founded in 2000, Aselina is a family-managed business from the Kyrgyz Republic that manufactures women's clothes, primarily skirts and blouses. The local clothing production market is very competitive, and customers are very focused on the quality of products, low prices, and fast delivery. Failing to deliver in any of these areas can mean losing customers and a significant business slowdown.

The company approached us with a number of concerns. First, all of their patterns were produced by hand, leading to inaccuracy, higher waste of raw materials and production faults, which together resulted in 10-15% of garments unable to pass the final quality control checks. Also, manually producing patterns and modifying them for different sizes required significant staff time, greatly slowing production, and increasing the time required to switch from



With the new technology, designing new garments now takes 3 days, instead of 14.

model to model.

We helped to carry out the initial diagnostics and identify the most suitable consultant for the project. The consultant, Cadrus OJSC, specialises in implementing different computer systems in textile and knitwear companies.

The consultant:

- Carried out a thorough analysis of Aselina's operations to identify the most suitable system
- Assisted in the installation and configuration of the GRAPHIS CAD system to suit the company's operations as closely as possible
- Assisted the company in adapting to new procedures, following the re-structuring of some of production processes
- Helped to train the staff on use of the new system to maximize the utilisation effect.
- Helped in the development of a unique baseline database for laying out garments.

One year later and the project is considered an immense success. According to the company's management, the installation of the CAD system was the key behind the significant reduction in defective garments to 1-2%, and the subsequent 15% decrease in raw materials waste. The new system also helped to decrease the time needed to develop new models from 14 to 3 days, and to increase throughput of production from 200 to 600 units per worker per day.

Better quality, lowered costs of goods, increased capacity of production all led to an increase in international orders to 35%, and almost double the turnover. Moreover, the additional savings of the company helped the enterprise to speed up construction of a new production facility to expand the workforce and improve work conditions for personnel.

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Turnover
+90%

Customers
+30%

Productivity
+50%

Total project value
€6,250

Client contribution
€3,125

