

Pattern layout

Customer

Sewing manufacture

Aim

The main task is development program, which helps cutter layout patterns on the material in the best way with minimal wastes.

Solution

In development of main component for Pattern layout we used combinatorial algorithm with regulated depth of the search to find optimal patterns layout.

Basic functions

- Setting the width of the material roll.
- Setting of sheets size to cut out.
- Regulation time of the search to find optimal patterns layout.
- Capability of saving patterns and samples.

Technologies

C++, DHTML, AJAX, SVG, XML, ASP.Net.

Product Title

Pattern layout

Project Capacity

7 man-months