



## GEMINI NEST EXPERT

Software application for automated nesting

Nest Expert is the Gemini CAD Systems application for automated, fast optimized and high-efficiency nesting, able to manage parallel processing on 2, 4, 8 or 16 processor cores. It was the first application on the market that offered the multicore solution for nesting flexible materials. Embodying a proprietary algorithm, Gemini Nest Expert is thus subject to continuous innovation and development.

Gemini Nest Expert can be used in server version, when it autonomously receives and processes orders, provided by Gemini Spread & Cut Planner, by the operator, by an ERP or by other CAD systems. Based on its ability to import native markers and pattern files from other CAD systems, Nest Expert server can be thus used by companies working with different technology, with less efficient automatic nesting.

- Gemini Nest Expert includes special automated nesting features for simple, folded or tubular fabrics, with or without plaids, stripes or textures or shading, with specific widths and contractions, according to each part specifications and freedom, etc.
- If configured with AutomART 2Nest additional module, the application can perform automated and high-efficient nesting for graphical resources as PDF files and also for patterns with artwork included, as provided by Gemini Pattern Designer.
- It imports native pattern and marker files from several other CAD systems, as well as DXF or DXF AAMA standard files.
- It exports data for a wide range of plotters and cutters, as HPGL, ISO-CUT and RS274d files, and allows data exchange with ERP systems using OTX open file format.



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**HIGH-EFFICIENCY** - the multicore parallel processing uses all the cores of the processor, thus providing a fully automatic nesting, with high-efficiency marker optimization.



**INNOVATION** - it can be used for importing and nesting PDF files or can be included in a fully automated digital printing workflow, for mass customization production.



**SUSTAINABILITY & COSTS SAVINGS** - it leads to important savings at the entire manufacturing process level, in terms of labor, time and fabric costs.



**INTEGRATION BENEFITS** - it easily communicates with equipment and enterprise systems and allows data exchange as needed for production.



**BEST USER EXPERIENCE** - it is an easy to use application, highly functional, with instant working and production benefits.



IT FITS YOU!

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