With the release of Version 12.2, Optitex now provides three levels of nesting solutions for customers seeking fabric, time and labor cost reduction.

**Nest ++**, **Nest++2**, and **Nest++Pro** offer significant savings to small, medium and large size businesses that require the best efficiency of fabric usage to maximize production profit. Use the explanations and comparison chart below to decide on the nesting solution that best fits your business.

**Nest++**
Offers basic efficiency that saves time when compared to manual nesting. Nest++ supports tubular nesting on both sides of the marker. The Nest-to-block feature is also included in this package.

**Nest++2**
Utilizes an algorithm that increases efficiency by up to 2.5% over the basic Nest++ solution. Nest++2 also supports tilt angle rotation and Nest Shading (Auto compaction is an optional add-on).

**Nest++Pro**
Combines a new and improved algorithm with Multicore functionality that runs the algorithm in parallel on all the CPUs, reaching the desired result much quicker. Autocompaction is embedded to achieve an efficiency gain of up to 3.5% over the basic Nest++ solution.

**Estimated Savings using Optitex:**

<table>
<thead>
<tr>
<th>Annual Parameters</th>
<th>Small Business (Output in Units) 500K units</th>
<th>Medium Business (Output in Units) 3M units</th>
<th>Large Business (Output in Units) 20M units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric Consumption* (Fabric Consumption) 588K sqms</td>
<td>3.53M sqms</td>
<td>23.53M sqms</td>
<td></td>
</tr>
<tr>
<td>Fabric Costs** (Fabric Costs) $882K</td>
<td>$5.28M</td>
<td>$35.29M</td>
<td></td>
</tr>
<tr>
<td>Savings using Nest++2 (Savings using Nest++) $25,200</td>
<td>$151,300</td>
<td>$1,008,400</td>
<td></td>
</tr>
<tr>
<td>Savings using Nest++Pro (Savings using Nest++) $34,900</td>
<td>$209,400</td>
<td>$1,395,800</td>
<td></td>
</tr>
</tbody>
</table>

* Based on 1sqm per unit, 85% basic efficiency  
** Based on $1.50 per sqm

**Nest++Pro**
Nest++Pro is a new, industry leading nesting solution that delivers unique multicore processing, best of breed algorithm design, and high performance auto-compaction efficiency. With Nest++Pro customers can enjoy the best possible savings in their industry.

- **Multicore Processing:**
  For the first time ever, the improved nesting algorithm takes advantage of the total available CPU power of your computer, ensuring the best efficiency is achieved with the fastest processing capability.

- **Improved Algorithm:**
  Nest++Pro deploys an advanced algorithm that more efficiently supports a larger number of pieces and reduces the number of different nests when possible. Additionally, holes in pieces can now also have base and extended contours.

- **Autocompaction:**
  An integral module that improves compaction of the nesting result by delivering an added efficiency of up to 0.2%.

*With Nest++Pro you can experience a significant reduction in production costs, while speeding up time-to-market.*

*With the combined new and improved algorithm, multicore processing and auto-compaction, up to 3.5% additional efficiency is achieved during the nesting process.*

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**About Optitex**

Optitex is the leading provider of 2D and 3D CAD/CAM, and Virtual Prototyping software solutions for the apparel, automotive, aeronautics, industrial fabrics and upholstery industries. Optitex presents these industries with easy to implement, open and innovative software systems for automating and optimizing their production manufacturing operations and virtual prototyping capabilities. These proficiencies enable Optitex’s customers to significantly lower costs, quicken their time to market, and become more competitive. [www.optitex.com](http://www.optitex.com)