

# Optimalon Software Has Released Version 3.0 Of Its Linear Programming Solver Giplas32

**Optimalon Software**

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Optimalon Software released a new version 3.0 of Giplas32. This version provides even more power than ever before by supporting the capacities of modern high performance processors (CPUs).

More and more companies try to reduce costs and optimize their operations in the current economic times. The most popular mathematical method to reduce operational cost with limited resources is the linear programming (LP). It has been heavily used in such areas as company management, logistic, planning and production. It doesn't matter how big or small a company is, if it needs to optimize any part of its business the linear programming can help, but there is a catch. LP cannot be used directly; it usually works as a part of the company's systems, such as logistic, scheduling or planning applications. There are thousands of custom-built software systems that use LP as the optimization engine.



The developers of these systems only convert the particular custom problem into general LP form and call the LP solver. After the LP problem is solved the system gets back the results and transform

them into custom solution. Such architecture allows using the same LP optimization engine for different custom-built systems and therefore the developers can focus on the business logic, without getting involved into the complicated LP implementation.

Optimalon Software (<http://www.optimalon.com>) provides the linear programming optimization engine Gipals32.dll. It's powerful, yet affordable solution for many software companies and individual developers. Gipals32 can easily find a solution or state a solution doesn't exist for any kind of linear programs with an unlimited number of variables and constraints.

**Marketing director Denis Smirnov:**

*"Implementation the support of SSE2 and multi-core CPUs has improved Gipals32's performance dramatically. In some cases we got the calculation speed increased by 5 (five) times. The numeric stability of the calculation has been improved for the new version as well. Gipals32 can now solve poorly defined LP problems that didn't yield any solutions before."*

More information about the Gipals32, its features and performance can be found at [http://www.optimalon.com/product\\_gipals32.htm](http://www.optimalon.com/product_gipals32.htm)

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