

## Frontline Solvers Built-in Solver Engines

(More details available on [www.solver.com](http://www.solver.com))

Built-In Solver Engines	Problem Types Most Suited For	Premium Solver Pro	Risk Solver Pro	Premium Solver Platform	Risk Solver Platform	Solver SDK Pro	Solver SDK Platform
LP Simplex Solver	LP/MIP	2000 x 8000				2000 x 8000	
LP/QP Solver	LP/QP/MIP			8000 x 8000	8000 x 8000		8000 x 8000
GRG Solver	Smooth Nonlinear	500 x 250				500 x 250	
Large Scale GRG Solver	Smooth Nonlinear			1000 x 1000	1000 x 1000		1000 x 1000
Evolutionary	Non-smooth / Nonlinear	500 x 250		1000 x 1000	1000 x 1000	500 x 250	1000 x 1000
Interval Global	Smooth Nonlinear (exhaustive)			500 x 250	500 x 250		
SOCP	2 <sup>nd</sup> Order Cone			2000 x 8000	2000 x 8000		2000 x 8000
<b>Additional Capabilities</b>							
Includes Advanced Monte Carlo Simulation Engine			Yes		Yes	Yes	Yes
Can be combined with Premium Solver Pro for Simulation Optimization			Yes				
Can automatically choose the best solver engine for a model		Yes		Yes	Yes		Yes
Accepts optional plug-in solver engines for larger models				Yes	Yes		Yes

### Note on Additional Plug-in Solver Engines

Our Platform products can accept a range of optional plug-in solver engines in addition to the built-in engines above. These will give you the ability to solve virtually unlimited size problems, at the fastest speeds possible, using engines from the most recognized optimization companies in the world such as Gurobi, XPress, KNITRO, and more. You can learn more on our [plug-in solver engines page](#).