	Limited Size Products	
	Basic License for Solver Academy	**Analytic Solver Upgrade**
	Nearly All Features, Low Size Limits	**Expanded Size Limits for Optimization** **Basic Size Limits for Simulation, Data Mining**
Built-in Solver Engine		
Evolutionary	Yes	Yes
Linear	Yes	Yes
Nonlinear	Yes	Yes
Interval Global	Yes	Yes
SOCP Barrier	Yes	Yes
Optimization Problem Types and Sizes		
Solvers LP, MIP, NLP, and NSP problem types	Yes	Yes
Special Solvers for QP, QCP, and SOCP problem types	Yes	Yes
Linear Variables x Constraints	200 x 100	2,000 x 8,000
Nonlinear Variables x Constraints	200 x 100	500 x 250
Non-Smooth Variables x Constraints	200 x 100	500 x 250
Integer Variables	Up to 200	Up to 1,000 for LP and 500 for NLP/NSP
Accepts optional plug-in Solver Engines (w/ unlimited Variables x Constraints)	No	No
Constraints		
Normal, Integer, Binary, semi-continuous, and AllDifferent Constraints	Yes	Yes
Second Order Cone Constraints	Yes	Yes
Probabilistic and Chance Constraints	Yes	Yes
Global Optimization		
Non-Smooth Problems (Evolutionary)	Yes	Yes
Nonlinear Problems (Multistart)	Yes	Yes
Nonlinear Problems (Interval Global)	Yes	Yes
Plug-in Solver Engines (Several Approaches)	No	No
Simulation / Risk Analysis	Yes	Yes
High-speed Monte Carlo simulation	Yes	Yes
Parameterized Simulations x Monte Carlo Trials	10 x 1000	10 x 1000
Simulation Uncertain Variables x Functions	50 x 25	50 x 25
Decision Trees	Yes	Yes
Advanced Stochastic Optimization	No	No
Forecasting / Data Mining	Yes	Yes
Data Visualization, Charting, Data Transformation	Yes	Yes
Time Series Forecasting (ARIMA, Exponential Smoothing)	Yes	Yes
Feature Selection, Clustering, Classification, Prediction, Association Rules	Yes	Yes
Text Mining Vocabulary Terms x Documents	50 x 100	50 x 100
Data Partition Columns x Rows	50 x 65,000	50 x 65,000
Training Set / Database Query Rows	10,000 x 1,000,000	10,000 x 1,000,000

	Full Sized Products		
	Analytic Solver Simulation	**Analytic Solver Optimization**	**Analytic Solver Data Mining**
	Full Size Limits for Simulation **Basic Size Limits for Optimization, Data Mining**	**Full Size Limits for Optimization** **Basic Size Limits for Simulation, Data Mining**	**Full Size Limits for Data Mining** **Basic Size Limits for Optimization, Simulation**
Built-in Solver Engine			
Evolutionary	Yes	Yes	Yes
Linear	Yes	Yes	Yes
Nonlinear	Yes	Yes (Upgraded Engine)	Yes
Interval Global	Yes	Yes	Yes
SOCP Barrier	Yes	Yes	Yes
Optimization Problem Types and Sizes			
Solvers LP, MIP, NLP, and NSP problem types	Yes	Yes	Yes
Special Solvers for QP, QCP, and SOCP problem types	Yes	Yes	Yes
Linear Variables x Constraints	200 x 100	8,000 x 8,000	200 x 100
Nonlinear Variables x Constraints	200 x 100	1,000 x 1,000	200 x 100
Non-Smooth Variables x Constraints	200 x 100	1,000 x 1,000	200 x 100
Integer Variables	Up to 200	Up to 2,000 for LP and 1,000 for NLP/NSP	Up to 200
Accepts optional plug-in Solver Engines (w/ unlimited Variables x Constraints)	No	Yes	No
Constraints			
Normal, Integer, Binary, semi-continuous, and AllDifferent Constriants	Yes	Yes	Yes
Second Order Cone Constraints	Yes	Yes	Yes
Probabilistic and Chance Constraints	Yes	Yes	Yes
Global Optimization			
Non-Smooth Problems (Evolutionary)	Yes	Yes	Yes
Nonlinear Problems (Multistart)	Yes	Yes	Yes
Nonlinear Problems (Interval Global)	Yes	Yes	Yes
Plug-in Solver Engines (Several Approaches)	No	Yes	No
Simulation / Risk Analysis	Yes	Yes	Yes
High-speed Monte Carlo simulation	Yes	Yes	Yes
Parameterized Simulations x Monte Carlo Trials	Unlimited x Unlimited	10 x 1000	10 x 1000
Simulation Uncertain Variables x Functions	Unlimited x Unlimited	50 x 25	50 x 25
Decision Trees	Yes	Yes	Yes
Advanced Stochastic Optimization	No	Yes	No
Forecasting / Data Mining	Yes	Yes	Yes
Data Visualization, Charting, Data Transformation	Yes	Yes	Yes
Time Series Forecasting (ARIMA, Exponential Smoothing)	Yes	Yes	Yes
Feature Selection, Clustering, Classification, Prediction, Association Rules	Yes	Yes	Yes
Text Mining Vocabulary Terms x Documents	50 x 100	50 x 100	Unlimited x Unlimited
Data Partition Columns x Rows	50 x 65,000	50 x 65,000	Unlimited x Unlimited
Training Set / Database Query Rows	10,000 x 1,000,000	10,000 x 1,000,000	Unlimited x Unlimited