# Check out the new releases of Optimization-Based Planning Tools from LINDO Systems:



LINGO 17: The full-featured modeling language for expressing big, complex models clearly and concisely. Extensive Matrix commands: Eigenvalues, Semi-definite Programming and more. Same intuitive GUI interface for Apple Mac, Linux, and Windows. Do reports with all popular (15+) graph/chart types: histogram, x-y, bar, networks, space-time diagrams, etc. Built-in programming capability for coordinating multi-model planning systems. Links to Excel and databases make data handling a breeze.

What's Best! 15: The Excel Add-in that allows you to add optimization models of unlimited size to Excel. Supports many new functions, including AllDiff, Semi-Definite Programming, Stochastic optimization, Easy-to-use Scenario manager for looking at K-best solutions or stochastic scenarios. Solve those gigabyte size spreadsheets reliably.

LINDO API 11: The optimization callable library that allows you to embed a full range of solvers into your own applications, on all popular platforms, on the web and elsewhere. Improved performance on a wide range of models: Integer, Nonlinear, Global, Stochastic. Automatic linearization of functions such as IF(), MIN(), MAX(), ABS(). LINDO API is the underlying solver engine for LINGO and What's Best!.

# Comprehensive arsenal of solvers

Each package offers a full range of solvers to tackle all your optimization problems. Automatically chooses fastest solver capable of solving your problem: Linear, Quadratic, Conic, SDP, Integer, Convex nonlinear, Non-convex Nonlinear Global, Stochastic. Finds guaranteed global optima to nonconvex models. Support for all popular (70+) math functions and all popular (24+) probability distributions.

## Ease of use

The interfaces are straightforward and intuitive. You can build your first model within minutes of installation. Yet, they have the features and performance to handle your most difficult problems.

### Support and Help Resources

Technical support at LINDO is responsive and thorough - whether you have questions about the software or need help developing your application. To help get a jump start on new applications, our Model Library has hundreds of real world based example models in finance, marketing, operations, supply chain management, engineering, agriculture, mining. The LINDO website has "White Papers" and a list of modeling textbooks that illustrate the kinds of decision problems in industry that can be solved.

## Get started now

You can be modeling in less than 5 minutes from right now by downloading our free limited capacity trial versions of the software, or contact us about evaluating a full capacity version. Tel: (312) 988 7422 - www.lindo.com - info@lindo.com

