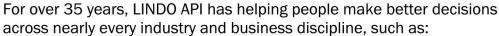
Add Optimization to Your Planning Models With LINDO API

Get the right solvers for all of your applications.



- Blending: Petroleum, Feed, and Metallurgy industries.
- Supply Chain Design in multiple industries.
- Cutting stock: Paper, Metals, paper converting, printing, metals, and clothing industries.
- Auction and Market Clearing: Electric Power and Gas Distribution, Class Scheduling.
- Resource Extraction Long Range Planning: Mining and Petroleum Production.
- Revenue/Booking Limits Management, Overbooking Limits, Bundle Pricing, Credit Scoring and Classification, Shelf Space Allocation.
- Advertising and Marketing: Media Selection, Sales Territory Realignment, Sales Call Planning.
- Financial Portfolio models of all sorts: Cardinality and min-buy constraints, Value-at-Risk, Index matching, Hedging.
- Electric Power: Nonlinear Optimal Power Flow, and Generator Scheduling/Unit Commitment, Hydro Power Flow management.
- Staff Scheduling: Call Center Management, Health and Maintenance Personnel Management.
- Planning Under Uncertainty: Financial Planning, Fuel Purchasing, and the Auto Industry.
- Routing: Determine which stops should be assigned to each truck and the order of stops.
- Purchasing: Determine amount to buy from each vendor, given their price/discount terms.

Exploit the power of LINDO quickly and easily.

LINDO API has extensive problem type recognition capabilities so that for most problems it will automatically choose the appropriate/fastest solver for your problem type. Value-at-Risk models with a second-order cone algorithm, nearest valid correlation matrix and min and max eigenvalue problems with a semi-definite programming algorithm. Nonconvex nonlinear models with a global and multi-start solvers. Easy handling of logical constraints.

Use it in your favorite environment.

LINDO API's solvers are available with a variety of interfaces and on a wide range of platforms, allowing you to operate in the environment which is most convenient and in which you are most comfortable.

- If you like spreadsheets, What's Best! allows large scale optimization modeling within Excel.
- If you prefer the power and convenience of modeling languages, you can access the solvers through GAMS, LINGO, MPL, and a variety of industry-specific planning systems (contact LINDO for more information).

Contact LINDO Systems today to discuss your modeling needs or request a trial version at: www.lindo.com/freetrial



LINDO SYSTEMS INC.

www.lindo.com / 800-441-BEST / 312-988-7422 / info@lindo.com