IBM ILOG Optimization and Analytical Decision Support Solutions

Make smarter decisions, faster with optimization technology

Why IBM?

IBM ILOG Optimization & Analytical Decision Support Solutions provide proven and rapid ROI by helping businesses create the best possible plans, explore alternatives, understand trade-offs, and respond to changes in business environment. They leverage the investments you are making in enterprise information technology and business process automation.

The gold standard in optimization software, technology and solutions, IBM ILOG Optimization is used by over 50% of the world's largest companies, 1000's of Universities, and 1000's of application providers. The leader in optimization and performance, IBM ILOG Optimization solutions tackle the world's toughest problems allowing firms to gain a unique competitive advantage for a very wide range of optimization applications.

IBM ILOG Supply Chain Optimization provides easy-to-use, optimization-based decision support solutions to solve complex supply chain and production problems. These off-the-shelf applications are used by over 50% of the world's largest supply chains and over 50% of AMR's top 50 global supply chains.

Success Stories: By industry

Automotive:

- Johnson Controls reduces supply chain spend with IBM ILOG LogicNet Plus
  Johnson Controls Power Solutions delivers batteries to its more than 10,000 customer locations on a regular basis. This world-class delivery operates within a closed-loop battery supply chain.

Consumer Products:

- Südzucker Finds Sweet Spot in Supply Chain Optimization with IBM Solutions
  Südzucker is Europe's leading supplier of sugar products and has an annual revenue of approximately €7 billion. The sugar segment of Südzucker operates 29 sugar factories and three refineries in 11 European countries and produces 5.4 million tons of sugar.
- Armstrong World Industries Improves Decision Making in the Supply Chain with IBM ILOG LogicNet Plus XE
  Armstrong needed a repeatable process to ensure that the supply chain decisions were correct from the start.

Energy & Utilities:

- XM keeps the power on with IBM ILOG optimization software
  The Colombian electricity sector needs to match the supply to the demands of the distribution companies for the following day. XM uses IBM WebSphere ILOG optimization software to determine the most efficient, low-cost and reliable operation of the Colombian power system.

Fabrication & Assembly:

- Selco S.p.A
  An arc welding systems and power source manufacturer in Italy reduces its inventory by 15 percent, cuts the amount of lost orders by 70 percent and automates production when it engages IBM Business Partner MBM to implement IBM ILOG CPLEX Optimization Studio software.

Financial Markets:

- Fiserv ... Helping banks lower the cost of managing cash inventories
  Fiserv uses IBM ILOG CPLEX Optimization Studio to optimize the costs of replenishing ATMs and balancing the costs of vault inventories.
- INDEVAL saves Mexican banks 240 million USD in 18 months
  Mexican financial institutions were challenged by reserve requirements and high borrowing costs. The solution was a new securities settlement system using operations research to maximize the value of pending trades and settle securities transactions in near real time.

Travel & Transportation:

- Odyssey Logistics & Technology Corporation increases agility
  Odyssey Transportation & Logistics Corporation uses IBM WebSphere software to optimize its processes to better meet its customers' needs. OL&T creates its next-generation logistics management platform using IBM BPM, IBM WebSphere ILOG JRules, IBM WebSphere Partner Gateway and IBM ILOG CPLEX Optimization Studio software.