



# Optimization

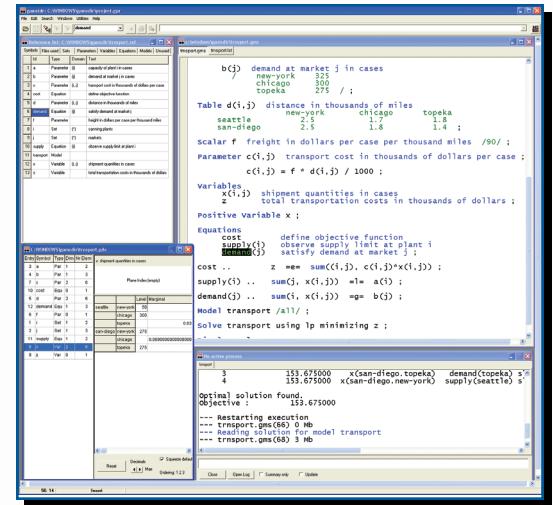
**www.gams.com**

## High-Level Modeling

The General Algebraic Modeling System (GAMS) is a **high-level modeling system** for mathematical programming problems. GAMS is tailored for complex, large-scale modeling applications, and allows you to build large maintainable models that can be adapted quickly to new situations. Models are **fully portable** from one computer platform to another.

## Wide Range of Model Types

GAMS allows the formulation of models in many different problem classes, including



**GAMS Integrated Developer Environment** for editing, debugging and solving models and viewing data.

## **State-of-the-Art Solvers**

GAMS incorporates all major commercial and academic state-of-the-art solution technologies for a broad range of problem types, including global nonlinear optimization solvers.

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## GAMS 22.6 on Three New Platforms

**GAMS 22.6 is available on three new platforms:**

- Mac OS X on Intel x86
  - Sun Intel Solaris 64bit
  - Sun SPARC Solaris 64bit

- More about the new distribution in the release notes: <http://www.gams.com/docs/release>
  - Download: <http://www.gams.com/download>
  - Stay informed: Sign up for the Release Mailing List  
<http://www.gams.com/mailist>

	Solver/Platform availability - 22.6													
	x86 MS Windows	x86_64 MS Windows	x86 Linux	x86_64 Linux	Sun Sparc Solaris	Sun Sparc64	Sun Intel	HP 9000	HP-UX 11 <sup>1</sup>	DEC Alpha	IBM RS-6000	Mac PowerPC	Mac Intel32 Darwin	SGI IRIX <sup>2</sup>
ALPHAECP	✓	✓								✓		✓		
BARON 8.1	✓		32bit		32bit				✓	✓	✓	✓	✓	
BDMLP	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	
COIN-OR	✓		32bit									✓	✓	
CONOPT 3	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
CPLEX 11.0	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
DECIS	✓							32bit	✓		✓	✓	✓	
DICOPT	✓							✓	✓		✓		✓	
KNITRO 5.1	✓		32bit					32bit		✓	✓	✓	✓	
LINDOGLOBAL 5.0	✓		✓	✓	✓	✓	✓							
LGO	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
MILES	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
MINOS	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
MOSEK 5	✓		✓	✓	✓	✓	✓		✓	3.2				
MPSGE	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
MSNLP	✓		✓	✓	✓	✓	✓	32bit		✓	✓	✓	✓	
NLPCEP	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OQNLP	✓		32bit	✓	32bit									
OSL V3	✓		32bit	✓	32bit	✓		32bit		V2		✓		V2
OSLSE	✓		32bit	✓	32bit	✓		32bit						
PATH	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SBB	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SNOPT	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
XA	✓		32bit	✓	✓	✓		32bit		✓	✓	✓	✓	
XPRESS 19.00	✓		32bit	✓	32bit	✓	✓	✓	16, 10		✓			

<sup>1)</sup>GAMS distribution for HP 9000/HP-UX is 22.1

<sup>2)</sup>GAMS distribution for SGI IRIX is 22.3.