

LICENSE PRICES

(as of May 2017)

To have a full running configuration for a TIMES mode, a user needs to acquire the following software:

- 1) VEDA-FE for input data handling;
- 2) VEDA-BE for result analysis, and
- 3) GAMS the General Algebraic Modeling Language in which TIMES is written and one of the solvers depending on the type of problems to be solved (LP, MIP, NLP).

The licensing costs of each of the above are given in the following tables for a single user and per user for multi-user configurations. Prices for a small (5 users)/medium (10 users)/large (20 users) department or project licenses are 2/3/4 times the price for single user license. Above 20 users, another 10 users get added for the price of a single license.

VEDA Prices & Price per User				
Type of License	Single user	5-users / \$pp	10-users / \$pp	+20-users / \$pp
Academic ¹ (non-OECD)	\$2,400	\$960	\$720	\$480
Academic ¹	\$3,000	\$1,200	\$900	\$600
Outreach ² (non-OECD)	\$5,000	\$2,000	\$1,500	\$1,000
Outreach ²	\$6,200	\$2,480	\$1,860	\$1,240
Government ³ (Non-OCED)	\$6,200	\$2,480	\$1,860	\$1,240
Government ³	\$9,100	\$3,640	\$2,730	\$1,820
Commercial	\$12,000	\$4,800	\$3,600	\$2,400

Licenses are perpetual, but access to updates and technical support is subject to an annual maintenance fee that is 20% of the (current) purchase price. New purchase includes maintenance for the first year.

For questions on acquiring the TIMES platform software components contact:

- VEDA - Amit.Kanudia@gmail.com
- GAMS - Gary.A.Goldstein@gmail.com

¹ Academic licenses permitted only for degree granting institutions.

² Outreach refers to any government/research organization associated with an ETSAP Contracting Party as part of a cooperative agreement/project, where no commercial use is involved.

³ Government refers to multi-national organizations (e.g., United Nations Development Program), non-profit groups (e.g., NGOs), government donor agencies (e.g., US Agency for International Development, Australian Agency for International Development, European Union), and government planning and research institutions. (e.g., USDOE national labs) different from the ETSAP Contracting Parties and not working directly with one.

PRICES FOR VARIOUS ETSAP TIMES RELATED GAMS/SOLVER OPTIONS

Component	GAMS/Base ⁴		GAMS/CPLEX				Other LP/MIP	NLP (CONOPT/MINOS)	
	Regular	TIMES Appl ⁵	Regular	Special Academic ⁶	TIMES Appl ⁵	CPLEX-Link ⁷	XPRESS	Regular	TIMES Appl ⁵
Academic ⁸	\$640	n/a	\$1,280	\$0	n/a	\$640	\$1280	\$640	n/a
Non-Academic	\$3,200	\$1,600	\$9,600	n/a	\$4,800	\$2,400	\$9,600	\$3,200	\$1,600

Based on the information provided above typical configuration options for GAMS systems for use with TIMES are presented in the table below.

GAMS/Solver Prices & Price per User				
Type of License	Single user	5-users / \$pp	10-users / \$pp	+20-users / \$pp
Academic ⁸ – “free” solvers ⁴	\$640	\$256	\$192	\$128
Academic ⁸ – CPLEX-Link ^{6,7}	\$1,280	\$512	\$384	\$256
Academic ⁸ – full CPLEX	\$1,920	\$768	\$576	\$384
Non-Academic – “free” solvers ⁴	\$3,200	\$1,280	\$960	\$640
Non-Academic – “free” solvers ⁴ Appl ⁵	\$1,600	\$640	\$480	\$320
Non-Academic – CPLEX-Link ⁷	\$6,400	\$2,560	\$1,920	\$1,280
Non-Academic – Full CPLEX Appl ⁵	\$6,400	\$2,560	\$1,920	\$1,280
Non-Academic – CPLEX-Link ⁷ Appl ⁵	\$4,800	\$1,920	\$1,440	\$960
Non-Academic – Full CPLEX or XPRESS	\$12,800	\$5,120	\$3,840	\$2,560

For details see <https://www.gams.com/products/buy-gams/> for pricing and <http://support.gams.com/> on the various configuration components.

⁴ GAMS/Base, includes the CBC and other “free” solvers that handle small to medium size models.

⁵ The ETSAP TIMES Application license ONLY allows the user to run TIMES and/or TIMES-MACRO/MSA.

⁶ Academic institutions that sign up with IBM as collaborating researchers may obtain CPLEX free of charge from IBM, then only require a Link option to connect with GAMS.

⁷ The CPLEX-Link requires a valid CPLEX license from IBM (so that cost needs to be added).

⁸ Academic license is only permitted for degree granting institutions.