Changing the rules of business™

Dear ILOG Optimization Customer:

Announcing the Spring 2008 Release of the ILOG Optimization Suite featuring the introduction of ILOG OPL 6.0 and ILOG CP Optimizer 2.0

We appreciate your continued support of ILOG's optimization products and hope you will find the improvements and features of this release helpful.

OPL 6.0 has been redesigned to improve look-and-feel and usability, with streamlined user interactions that make it quicker and easier to accomplish model development tasks, whether maintaining existing models or building new applications. OPL 6.0 also re-introduces support for scheduling using CP Optimizer 2.0, which now provides a modeling framework based on intervals, enabling a model and run development process, similar to CPLEX, for detailed scheduling.

Highlights of the new Optimization Suite product releases, OPL 6.0, ODM 3.0, CP Optimizer 2.0, CPLEX 11.1, and CP 1.4, are listed below. More details can be found in the Release Notes of each product.

ILOG OPL Development Studio 6.0

- *Support for scheduling models using ILOG CP Optimizer*
  - Concise modeling of scheduling problems using interval variables and piecewise linear functions
  - Robust search for detailed scheduling problems
- *Redesigned IDE for faster model development*
  - New text editor with powerful navigation, search and replace
  - File history enabling comparison between versions during model development
  - Flexible side-by-side file comparison – across projects
  - Dynamic help facility: help content dynamically changes as the user types
- *Improved way of managing recent solves & run configurations*
  - Remembering most recent launches for run configurations across projects
  - Fast launch of run configuration through contextual menu
- *Improved Collaboration Capabilities*
  - Integration with source code control systems (CVS is pre-packaged)
  - Enables teams to jointly work on shared models & other project artifacts
- *Performance gains*
  - Reduced memory footprint of the IDE
  - Significant performance improvement on Linux platform

ILOG Optimization Decision Manager 3.0

- *Multi-scenario comparison for planning under uncertainty*
  - New view provides KPI-level comparison across scenarios
  - Table & Chart displays allows effective impact analysis
- *Improved data and scenario analysis in pivot tables*
  - Pivot tables now support pair-wise scenario comparison
  - Enables fine-grained decision review in large data sets
- *Scenario editing and Exporting*
  - Formatted Copy & Paste preserves the headers and structure of copied cells
  - Enables quick and easy sharing of results through Excel, Word or emails
- *Batch and background solving of multiple scenarios*
  - Solves can be put in background, handled sequentially by a solve queue
  - Alerts are provided when jobs are finished
- *User Access, Integration & Security (multi-user mode)*

  - User rights to control override of locks and cancellation of solves
  - Administration panel accessible directly from application
  - Custom authentication possible with Windows, LDAP or similar
  - Passwords managed by ODM are now stored in encrypted form
- *Performance & Scalability*
  - Fast sorting, filtering and pivoting for very large tables (100,000's of rows)
  - Intelligent data-sharing between scenarios allow for quick scenario duplication and reduced space in database
- *Ports & Platforms*
  - Added support for hosting scenario database in DB2

ILOG CP Optimizer 2.0

- *Model and Run Development Process for Detailed Scheduling*
  - Scheduling modeling framework based on interval and piecewise linear functions
  - Robust search for detailed scheduling problems
- *Search Time Control*
  - Addition of a time mode parameter for limiting the length of a search. These timings can be measured either by CPU Time or by elapsed time

ILOG CPLEX 11.1

- *Concert 2.6 Compatibility*
- *Enhanced MIP Capabilities*
  - Solution polishing supports more kinds of MIP starts

ILOG CP 1.4

- *Minor Release with Concert 2.6 Compatibility*
  - ILOG CP 1.4 is fully compatible with the ILOG Concert 2.6 Technology used by CPLEX 11.1

The ILOG Optimization Suite is a comprehensive collection of tools and engines for building interactive, custom scheduling and planning applications, for sale as standalone products in the case of the engines, or as development packages that have been assembled with your specific development objectives in mind.

Optimization Engines

- *ILOG CPLEX* – A mathematical programming engine that solves the full range of LP, MIP, QP, QCP and MIQCP problems.
- *ILOG CP Optimizer* - A constraint programming optimizer for detailed scheduling problems, as well as certain combinatorial optimization problems that cannot be easily linearized and solved using traditional mathematical programming methods.
- *ILOG CP – A* classic constraint programming engine that solves complex scheduling and routing problems. ILOG CP contains ILOG Solver, ILOG Scheduler and ILOG Dispatcher.

Model & Application Development Tools

- *ILOG OPL Development Studio* – A complete integrated development environment (IDE) and modeling language for rapid development and deployment of optimization models; OPL also supports application development with ILOG Optimization Decision Manager.
- *ILOG Optimization Decision Manager (ODM)* – An optimization application deployment platform, with capabilities to develop interactive decision support applications through OPL, and out of the box "what-if" analysis, scenario comparison and goal programming.

Development Packages

- *ILOG OPL-CPLEX-ODM Development System* – A development package that includes ILOG OPL Development Studio, ILOG ODM, ILOG CPLEX, and ILOG CP Optimizer. This is the recommended *model & application development and deployment* package for CPLEX and CP Optimizer.

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- *ILOG OPL-CPLEX Analyst Studio* – An option for analysts who need to build and run ILOG CPLEX and/or ILOG CP Optimizer models exclusively from the ILOG OPL IDE.

Finally, please remember our standard policy for support of old versions of our products: releases are supported for 2 years from the availability date of the replacement release. The specific dates are as follows:

Product	Release	End of Maintenance
ILOG CP 1.0	09-Jan-2006	25-Jul-2008
ILOG CP 1.1	25-Jul-2006	21-May-2009
ILOG CP 1.2	21-May-2007	07-Nov-2009
ILOG CP 1.3	07-Nov-2007	27-May-2010
ILOG CP 1.4	26-May-2008	Current Version
ILOG CP Optimizer 1.0	21-May-2007	07-Nov-2009
ILOG CP Optimizer 1.1	07-Nov-2007	27-May-2010
ILOG CP Optimizer 2.0	26-May-2008	Current Version
ILOG CPLEX 9.1	19-Apr-2005	09-Jan-2008
ILOG CPLEX 10.0	09-Jan-2006	25-Jul-2008
ILOG CPLEX 10.1	25-Jul-2006	21-May-2009
ILOG CPLEX 10.2	21-May-2007	07-Nov-2009
ILOG CPLEX 11.0	07-Nov-2007	27-May-2010
ILOG CPLEX 11.1	26-May-2008	Current Version
ILOG ODM 1.0	25-Apr-2005	25-Jul-2008
ILOG ODM 2.0	25-Jul-2006	08-Dec-2008
ILOG ODM 2.1	08-Dec-2006	21-May-2009
ILOG ODM 2.2	21-May-2007	07-Nov-2009
ILOG ODM 2.5	07-Nov-2007	27-May-2010
ILOG ODM 3.0	26-May-2008	Current Version
ILOG OPL Development Studio 4.0	19-Apr-2005	05-Sep-2007
ILOG OPL Development Studio 4.1	05-Sep-2005	09-Jan-2008
ILOG OPL Development Studio 4.2	09-Jan-2006	25-Jul-2008
ILOG OPL Development Studio 5.0	25-Jul-2006	08-Dec-2008
ILOG OPL Development Studio 5.1	08-Dec-2006	21-May-2009
ILOG OPL Development Studio 5.2	21-May-2007	07-Nov-2009
ILOG OPL Development Studio 5.5	07-Nov-2007	27-May-2010
ILOG OPL Development Studio 6.0	26-May-2008	Current Version
ILOG OPL Studio 3.7	17-Nov-2003	19-Apr-2007
ILOG Dispatcher 4.1	19-Apr-2005	09-Jan-2008
(Subsequent Dispatcher releases are part of ILOG CP)		
ILOG Scheduler 6.1	19-Apr-2005	09-Jan-2008
(Subsequent Scheduler releases are part of ILOG CP)		
ILOG Solver 6.1	19-Apr-2005	09-Jan-2008
(Subsequent Solver releases are part of ILOG CP)		

The standard maintenance support for OPL 3.7 ended in April 2007. It is currently recommended that you switch to OPL 6.0 from OPL 3.7 if you have not already migrated forward.

Thank you for using ILOG Optimization products to help you develop your optimization applications. We value your business and are committed to creating the best possible products and services to meet your needs.

Sincerely,

The ILOG Optimization Team