

PRESS RELEASE : For Immediate Release

PGP – Data Innovations Releases LPM v5.5.3 Rev.3

March 02, 2009 – Brussels, Belgium: PGP-Data Innovations announces the release of Laboratory Production Manager (LPM) version 5.5.3 revision 3. This release includes totally new optimization oriented strategies. Database transactions have been thoroughly reviewed and optimized where needed which results in a dramatic increase of overall performance. It also provides a faster installation and migration process.

Results Computations Optimizations

There are many situations where rules are applied for results computation, automatic reruns, alarms, etc ...

Computations are now 30% faster, on average. Moreover, a new computation scheduling algorithm has been implemented to reduce database load.

Database Access and Transactions Optimization

Each access to the database requires database resources.

Database transactions have been optimized to use fewer resources. Queries are less intensive, and are performed more efficiently. Moreover, the overall number of transactions has been reduced. Both lower database workload.

Timing and options of database interface are now modifiable from the parameters editor.

Detection of Late Periodic Operations

LPM must check if all scheduled operations were executed on time. The control of periodic operations execution and completion has now been reduced to two processes, whereas previously all processes were involved. This reduces the need for verifying late situations at too many points.

This restructuring of housekeeping processes results in overall better performances.

Remote Commands Alert Registration

Most applications no longer register an alert for remote command execution. This reduces the need for a supplementary database session and therefore lowers system overhead.

Workstation Backup Randomized Startup

Client workstations need regular backup and this occurs at scheduled times. To avoid the bottleneck if all workstations are initiating their backup at the same time, the start time for a backup is slightly randomized for each workstation.

Improvement of Hot Backup Process

As there are fewer changes to the database, hot backup is faster and requires less disk space.

Installation Improvement

When LPM is installed or upgraded, there is no longer a need to modify parameters in BDE (Borland Data Engine).

Many other miscellaneous enhancements have been implemented throughout LPM. A complete list of these enhancements is included in the LPM v5.5.3 rev.3 Release Notes

For more information about LPM v5.5.3 rev.3, contact our Sales and Marketing Department.