



Luminex 100 IS™ 2.3 Notification

December 15, 2004

Luminex Partner:

Luminex is pleased to announce the availability of the Luminex 100 IS 2.3 Software. For your information, a summary of features and enhancements incorporated into the IS 2.3 Software can be found in the attached appendix. If you would like to receive an evaluation copy of IS 2.3 please sign the attached evaluation agreement and send it to the address listed below.

It is Luminex's goal to transition all new Luminex 100/IS Systems to IS 2.3 as of April 1, 2005, and therefore our intention to discontinue offering previous versions of the IS software (IS 2.1 and IS 2.2) as of March 31, 2005. If you wish to continue to receive previous versions of IS software beyond April 1, 2005, we ask that you notify us in writing prior to March 15, 2005. Luminex intends to discontinue offering IS 2.1 and IS 2.2 completely as of September 1, 2005. In order to facilitate clear communication and a smooth transition to IS 2.3, we have established the following implementation schedule:

December 15 2004	Evaluation Agreement sent to Partners
January 1, 2005	Evaluation copies of IS2.3 software will be available to Partners
February 1, 2005	IS 2.3 systems and upgrades will be available for purchase
March 15, 2005	Written notification due to Luminex for those partners who wish to continue to receive previous IS versions.
April 1, 2005	Transition Luminex 100 IS system to IS 2.3 for those partners who have not notified Luminex of their desire to continue receiving previous IS versions.
September 1, 2005	Transition all Luminex 100 IS systems to IS 2.3 and discontinue offering IS 2.1, and IS 2.2

Luminex is offering the upgrade from IS 2.1 or IS 2.2 SP1 to IS 2.3 (CD-ROM and Manuals only) at no cost for 90 days beginning January 1, 2005. Luminex 100 IS 2.3 training will be offered at \$500USD. After this 90-day period, the IS 2.3 Software CD-ROM and IS 2.3 training class will be \$1195USD. Luminex also offers upgrade kits from LDS 1.7 to IS 2.3. Please contact our Technical Support department with your instrument serial numbers for the appropriate upgrade kit and pricing.

If you have any questions, please contact Luminex Technical Support at the numbers or e-mail address listed below.

United States customers: (877) 785-2323
7:00 a.m. and 7:00 p.m. Central Time, Monday through Friday

International customers: +31-162408333
8:00 a.m. to 5:00 p.m. (GMT +1 hours, or GMT+2 hours during daylight savings time),
Monday through Friday
Email: support@luminexcorp.com

Thank you for your continued commitment to the Luminex xMAP Technology Platform.

Sincerely,

Luminex Corporation



Appendix A

IS 2.3 New Features

The following new features have been added to the IS 2.3 software:

- Support for different regional settings, with a focus on German. This includes:
 - Regionalized date selectors and calendars
 - Regionalized data files
 - Regional settings for file formats
- Updated database server from MSDE 1.0 SP2 to MSDE 2000 SP3a, resulting in better security, performance, and reliability.
- Template setup has a new textbox for entering the target XY heater temperature.
- New commands added to the template wizard:
 - XY Htr On
 - XY Htr On (wait)
 - XY Htr Off
- Improved performance and reproducibility of curve fits.
 - Improved performance of data retrieval and storage
 - Added weighting for 4P and 5P logistic functions
- Improved installers.
 - Separated LXIS install into distinct assay developer and clinical setup CDs for individual user groups
 - Added separated MSDE and LXR portions of the install
 - Added install log files for some components
 - Added more progress indicators
 - Provided an immediate install failure with a message if a user is not logged in as local administrator
- Added the ability to recover/rerun incomplete batches.
- Removed the Trimmed Median option.
- Added a new Acquisition. Detail grid test sorting feature.
- Supplied new XY Firmware that improves heater functionality.
- Added a warning if an advanced user changes a formula from Data Analysis.
- Added an error flag when differing results are received for qualitative replicates.
- Added a feature to save maintenance well locations.



- Added Output.csv Enhancements, including
 - Optional checksum indicator to allow administrators to determine if the file has changed
 - Optional batch comment to the header section
 - Optional instrument calibration and control lot information data to the header section
 - Optional assay standards and control lot information data to the header section
 - Optional sample comment to each sample
 - Ability to hide access to change selection of output statistics
 - Country code to the header section of the OS is set to a non-US region
- Added screen sizing capability and support for larger fonts.
- CAL/CON lot information is not required at first startup. The system no longer requests CAL/CON information after the program starts for the first time. This information is required before calibration verification or batch analysis can be initiated.
- Improved network compatibility:
 - Network administrators can now change the name of the PC without affecting access to the database.
 - The system can now operate with USER access privileges.
- Uses new LXR 2.0 communication server.
 - Luminex 100 IS 2.3 has replaced the LxrLibrary 1.2 device controller with the latest LXR 2.0 engine. This new engine provides an increase in both performance and reliability when controlling Luminex devices.
 - LXR 2.0 runs as a service on the PC, so it constantly monitors the ports for detection of a Luminex device. This design change provides the following improvements:
 - The system automatically detects and configures Luminex devices as they are connected to the communication ports, so there is no longer a need for the Configuration Wizard or Manual Configuration application.
 - The system remains more stable due to isolated device control (i.e. a crash in a client application should not affect system device communication).
 - Device Connect/Disconnect is improved.
 - Maintenance functionality is improved.