xMAP INTELLIFLEX® Change Log

Summary of Releases

last updated: 04/08/2022

Base Version	Bundle Version	Release Date	Support Status	Notes
1.1	1.1.1036	**XXX XX, XXXX**	Supported	Resolves issue with notifications and shutdown when instrument is set to a time zone east of GMT and west of the international date line.
	1.1.1035	**Jan. 11, 2022**	Supported	
1.0	1.0.103	**April 26, 2021**	Supported	There are no functional differences between bundle version 1.0.103 and 1.0.108. v1.0.108 includes support for an alternate hardware configuration, with no changes to the operating system, firmware, or software.
	1.0.108	**June 11, 2021**		

xMAP INTELLIFLEX v1.1 (Bundle Versions 1.1.1035 and 1.1.1036)　　　　**released: April 8, 2022**

FEATURES AND ENHANCEMENTS
xMAP INTELLIFLEX v1.1 is a required maintenance software release, which fixes many high-priority bugs. **This release also enables many enhanced features, including multi-user support.**

- xMAP INTELLIFLEX now supports multiple users with different access levels (Administrator, Lab Lead, or Operator).
- Administrators may define user accounts either locally or on the network domain.
- Administrators may configure xMAP INTELLIFLEX to automatically log off after an admin-defined interval, to a new status overview page.
- Improved manual export of dual-reporter data to xPONENT-format files: export is now a single operation, and resulting filenames include the "_rp*n*" designation. Applies only to DR-SE model instruments.
- Users may customize the Current Run page to select which statistics are visible during run acquisition.
- Users may export data from multiple plates into a single xPONENT-format file. Requires that all plates must be acquired under the same Panel and Acquisition Settings.
- Users may designate an intra-well normalization region; xMAP INTELLIFLEX calculates Net and Normalized statistics.
- Limited regionalization of output data: users may define decimal- and field-delimiters, so that exported data is usable in regionalized off-instrument software, such as Excel.
- Users may halt in-progress Calibration or Verification maintenance routines.
- New output formats, including a comprehensive Excel-format file that incorporates both data and relevant log entries, a user-friendly Excel-format Calibration and Verification report, and an exportable System Log.
- Administrators may enable or disable Windows updates from within the xMAP INTELLIFLEX interface.

RESOLVED ISSUES

ID	Description	Notes
6996	Acquisition time shown on CURRENT RUN page differed from acquisition time shown on RESULTS page.	Acquisition time shown on CURRENT RUN page now matches the longer acquisition time shown on the RESULTS page, which includes the time needed for data processing operations.
8933	Fluidics results and reports did not list Fluidics 2 reagent lot number.	
9112	The Export Results dialog box did not refresh after inserting a USB drive.	

9772	If the calibration status is changed before completing a partial plate, the most recent calibration status is displayed in the xPONENT file format.	If the calibration status is changed before completing a partial plate, or if data from multiple plates are exported into a single file, the xPONENT file format will show the lowest calibration state.
9848 18338	Lot number(s) shown on the Calibration/Verification page did not always match the active lot(s) selected in the drop-down lot selection box(es).	
10347	The calibration/verification state could be improperly displayed when turning on the instrument or when switching between Admin and User accounts.	
10733 18624 18626 19037 19150 19732	Fixed various issues that could cause the software to become sluggish or crash/freeze, including working with large datasets on the RESULTS page, inaccurate warnings/errors when turning the instrument on or off or running Verification, and crashes when clicking the yellow 'Running Person' indicator during startup.	
11176	The SEQUENCE and LOCATION selection columns to the left of the full screen bead map could be expanded, making navigation and use difficult.	
11406	The xMAP INTELLIFLEX output file did not provide the Fluidics 2 reagent lot number, only the Fluidics 1 reagent lot number.	
11411	Shutting down the instrument could take an excessive amount of time in various circumstances.	
12993	The xPONENT file format from xMAP INTELLIFLEX does not follow the same sequential option for the Export Location Style. The sequence relates to the order the well was run, not the location on the plate.	The location field of the xPONENT file format now adheres to the xPONENT CSV File Specification (available upon request from Luminex Technical Support).
13012	The DD GATE LOW and DD GATE HIGH shown on-screen in the RESULTS page displayed as "0" rather than displaying the actual values used for the acquisition.	
13102	The system would not warn the user when attempting to run a dual-reporter panel in a mode which would collect only single-reporter data.	
13332	System would display an error if the RESULTS page was configured to show all available data points.	
13334	The system could report false pressure warnings in-between well acquisitions.	
13398 18531 18628	Various problems with the Classification Map and Histogram on the CURRENT RUN page, including not displaying properly when switching users, data not populating during a run (requiring a reboot), and microsphere events shown in the wrong location on the Classification Map.	
13412	If a Plate Layout file was defined as a 384-well plate but contained 96 or fewer wells, the file would improperly import as a 384-well plate, excluding any well locations outside of the top-left quadrant of the 384-well plate.	

REMAINING ISSUES	
ID	**Description**
22250	The CRC file appended to the xPONENT-format file is not calculated correctly. Users are unable to use the CRC value to verify the integrity of the CSV.

| 22269 | In some circumstances Operator-level users may be unable to re-select wells for reacquisition when resuming a partial plate. To resolve, reload the plate onto the Current Run page. |
| 22787 | Users will be unable to export the new XLS format introduced in v1.1 when running plates which were created in the v1.0 software. |

xMAP INTELLIFLEX v1.0 (Bundle Versions 1.0.103 and 1.0.108)　　　　　**released: April 26, 2021**

FEATURES AND ENHANCEMENTS
xMAP INTELLIFLEX v1.0 is the initial public release of the xMAP INTELLIFLEX® System software.
• Rich options to easily and quickly configure plates for acquisition: workflows are intuitive, fast, and flexible, enabling customized, import-friendly workflows emphasizing the rapid acquisition of high-quality data.
• New methods to monitor acquisitions and assure run integrity: in addition to the classic xMAP dot plot and histogram views, new heat maps support at-a-glance assessment of run performance.
• Flexible results management: freely customize the software to display only the datapoints of interest, and export data in either xPONENT format (which is compatible with many existing xMAP analysis software packages), or the new xMAP INTELLIFLEX format (which is customizable and designed for ease of interpretation).
• Streamlined maintenance: quickly import calibration and verification target values from a simple barcode scan.
REMAINING ISSUES
xMAP INTELLIFLEX v1.0 release notes are available upon request from support@luminexcorp.com.