Release Notes for Vi-CELL BLU 1.1

# Added Features

* Security
  + Application whitelisting enabled in operating system image
* 21 CFR Part 11
  + Audit log entry added for failed firmware update
* Internationalization
  + User Interface is now multi-lingual
    - Default: English
    - Supported: French, German, Japanese, Chinese (simplified), Spanish
* Service and Manufacturing
  + Enhanced logging through Autofocus sequence
  + Autofocus retries if an unusable image is received
* Customer Workflow
  + Create and reuse sample work queue definitions between instruments
  + “Fits to Width” is the default selection for the expanded image view

# Fixes

* Application crash when camera disconnects during sample processing
* Fault when attempting to store a reanalysis result generated from existing data (not from reanalysis of images)
* Missing cumulative result row in per-sample CSV export file
* Graph selection not maintained when changing between tabs in Review screen
* Inconsistent right-click options when viewing gray-level histogram vs. other image choices
* Incorrect assay expiration date shown after cancelling concentration slope sequence.
* “Home” button disappears from header bar after selecting “Help” or “About” from menu
* “Software fault” displayed after entering invalid username/password 5 times
* Disabled administrator-level user able to unlock the screen
* Incorrect reagent levels/details shown to Service user
* Cannot select “Graphs” tab from Run Results screen’s “Queue” tab.
* Password expiration interval does not work
* Application exit when navigating from “Concentration slope” to “Manual controls” tab
* New Quality Control saves with an expiration date one day earlier than entered.
* Path and Filename ignored for summary CSV file generation
* Quality Controls: Range check for “Viability” assay value displays incorrect allowed range
* Signature feature incorrectly enabled for Service user in Quality Control screen
* Application hang after saving “Complete run summary” PDF file from Reports > Results screen
* Receive “Assay value field can’t be blank” message in Concentration slope process
* Summary CSV file rolls over at start of each queue of samples
* Application does not always restart after importing a configuration.
* Wrong units are shown for Viability range check in Quality Control creation screen

# Errata

* Manual interference with carousel motion can cause all samples in carousel to be discarded to waste tray.
  + Jira PC3527-3810
* Any error encountered during the “make-up” cleaning cycle during system initialization is interpreted as a failure of the cleaning cycle.
  + Jira PC3527-3746
* Purge operation decrements the remaining reagent counts even though no reagent is actually aspirated in this operation
  + Jira PC3527-3693
* Displayed waste tube bin capacity not refreshed in some circumstances
  + Jira PC3527-3549
* Reagent pack capacity display on header not refreshed after decontaminate or nightly cleaning cycles
  + Jira PC3527-3550
* Creating an incomplete signature definition (either short or long text field left blank) results in a “Software Fault” error being displayed
  + Jira PC3527-3443
* User editing: “Enabled” checkbox state does not refresh correctly
  + Jira PC3527-3391
* Progress indicator in sample record deletion screen does not update
  + Jira PC3527-3385
* Offline analysis utility executes a simulated nightly clean sequence
  + Jira PC3527-3113