V8 Platinum 6.2 Patch 308 Release Document

Summary

The purpose of this document is to detail the updates incorporated into the Platinum 6.2 Patch 308 release. Please note that Platinum 6.2 is only compatible with Windows 11.

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Products Affected

400600 Platinum Analysis Software

Detailed Description: Platinum 6.2 Patch 308

Platinum 6.2 software is the interface between the V8 UltraCE, or gel scanner, and the user. It allows for complete management, analysis and interpretation of results and it provides a comprehensive set of analytical tools, editing tools and reporting tools for analysing and reporting data.

Platinum 6.2 Patch 308 is designed to provide updates and additional functionality. As Platinum 6.2 is the operating software of the V8 UltraCE and an analytical software package, there are many amendments and modifications to the software expected as we continue to improve and develop the instrument and the onboard assays. As such, we have limited Platinum upgrades which incorporate prioritised software fixes/solutions and features. The release of the software upgrades by Helena Biosciences Europe are scheduled to ensure as many fixes and features are incorporated into one upgrade, thus minimising the disruption this can cause to systems in the field and reducing the number of upgrades required. All scheduled releases are extensively verified and must pass regression testing before being released.

This patch is only compatible with Platinum 6.2.

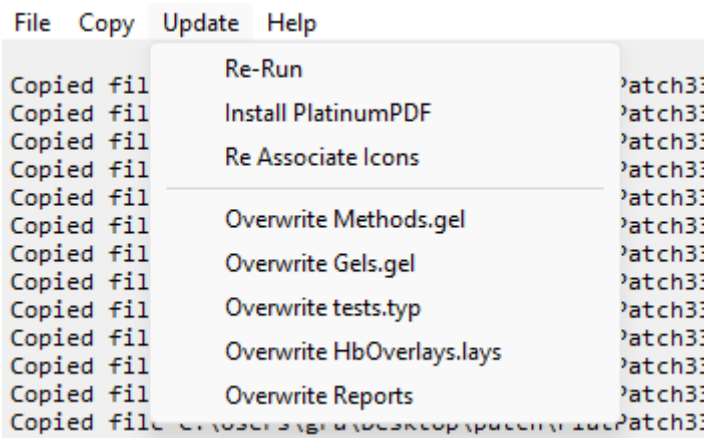
Platinum 6.1, or any other historic versions of Platinum, should not be directly updated to Platinum 6.2. A new installation of Platinum 6.2 is required, using the Platinum 6.2 installer.

Features and Updates

Feature	Description
Methods file (MF2002) and Tests.typ	New methods file with updates to UltraCE Serum Protein method dilutions and Gel preparation steps (CEP073)
	New Tests.typ with updated open stabilities for buffers and reagents
V8 Status warning	More than one warning can now be shown
Results window GUI Optimisation	Prioritisation of icons to ensure patient history is accessible when resizing the GUI
Database connection	Update to information displayed in error boxes (CEP075)
LIMS methods	Update to ensure all LIMS method requests are processed.
	Preventing LIMS queries when no test is ordered.
Querying LIMS	Remove LIMS query from search page
LIMS and Gateway transmission	Timeout lengthened when connected to LIMS and gateway
Sending to LIMS	New wait for completion configuration added
Sync logs	LIMS Communication log is populated with received data
Sebia Import function	Update to importing IFE images from Sebia databases (CEP072)

Methods file (MF2002) and Tests.typ

A new methods file (see Tech Alert CEP073) and tests.typ have been added to patch 308. These can be updated when running the patch update by selecting **Update** in the toolbar and then selecting **Overwrite Methods.gel** and **Overwrite tests.typ** in the dropdown window:

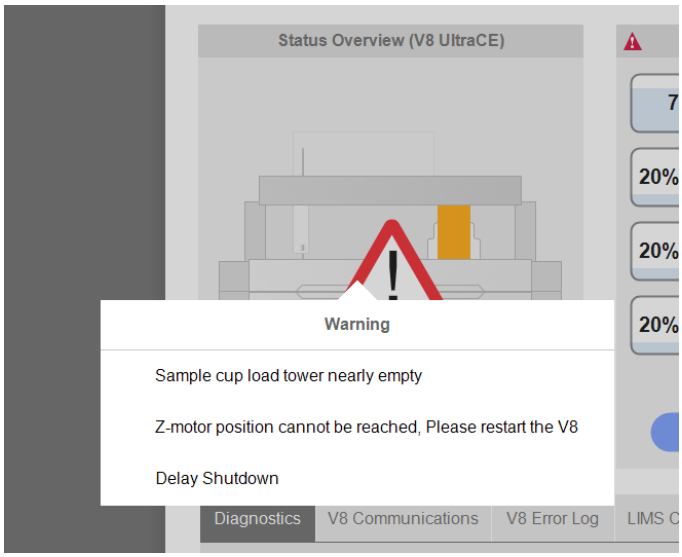


If a bespoke methods file is currently in use, please contact Support to obtain an updated methods file.

V8 Status warnings

The status image acknowledged multiple errors, but the menu describing them would only show the first option.

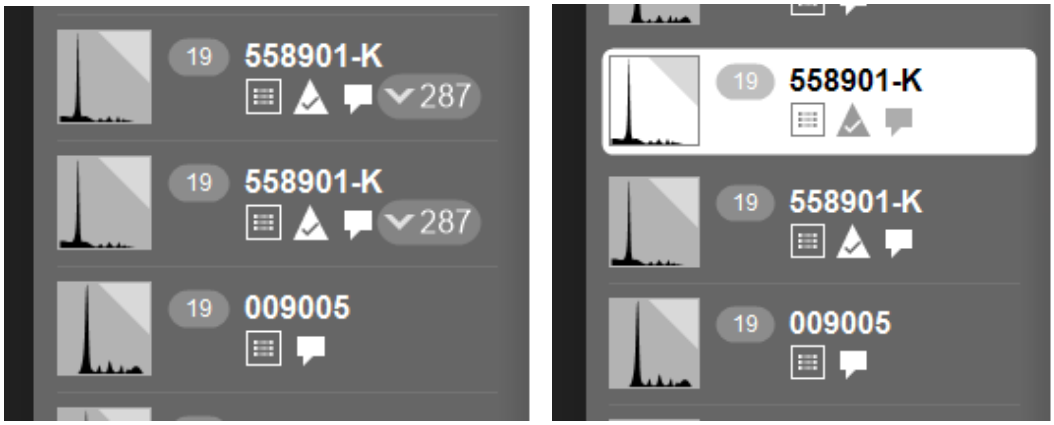
This has been updated so that all errors are displayed in the warning window.



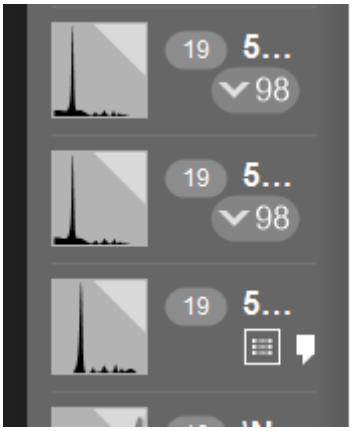
Results Window GUI Optimisation

The priority of icons assigned to a trace in the Results window has been adjusted to ensure that the Patient History drop-down menu can always be accessed, even when the Navigation Work List is reduced to its minimum size.

Previously, the ability to click the Patient History drop-down could become partially or fully obscured by other icons assigned to a given trace, with the drop-down becoming non-functional or disappearing. Below is an example of the navigation worklist being minimised to an extent that the patient history drop-down is no longer clickable (left) and further reduced so that it disappears (right).



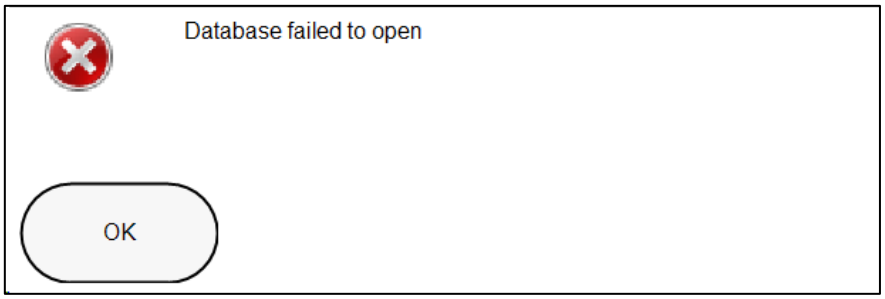
The new prioritisation of icons ensures Patient History can always be accessed for any trace as patient history is favoured over the other icons.



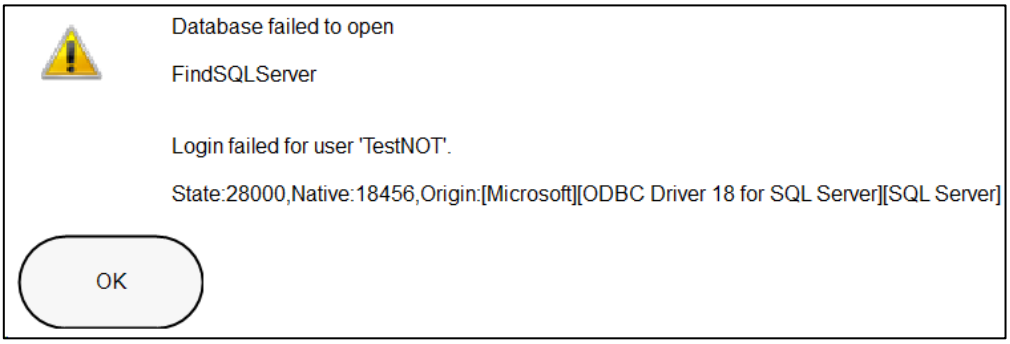
Database connection

Updates have been made to the error boxes displayed when connecting to the MS SQL database, as previously the connection string was displayed when connection failed (see Tech Alert CEP075).

When connection fails, the following error box will be displayed:



When login details are incorrectly entered, the following error box will be displayed:



LIMS methods

Ensure all LIMS method requests are processed

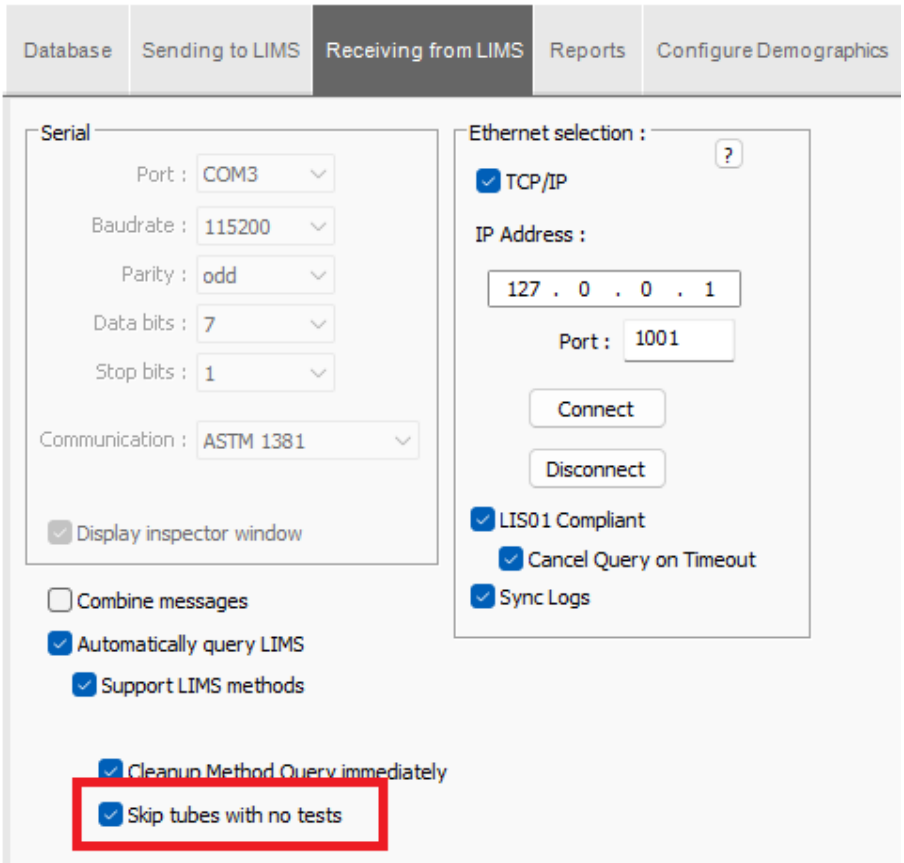
Previously, when the **Combine messages** configuration was OFF in **Configure > Customise > Sending to LIMS**, Platinum could be limited to processing one LIMS method order per rack. As a result, if multiple tubes on the same rack have a LIMS method such as an SP-ID requested, only one will be processed correctly. This limit has been removed so that multiple LIMS method requests can be processed within the same rack.

Preventing LIMS queries when no test is ordered

A new configuration option has been implemented that allows only the sample that has had a retest ordered to be queried again on LIMS when **Automatically query LIMS** is ON. This means that LIMS will only be queried for a barcode that has been seen before in the session if a retest has been ordered, where previously all tubes in the rack would be queried again.

This new configuration option: **Skip tubes with no tests**, can be found in **Configure > Customise > Receiving from LIMS**

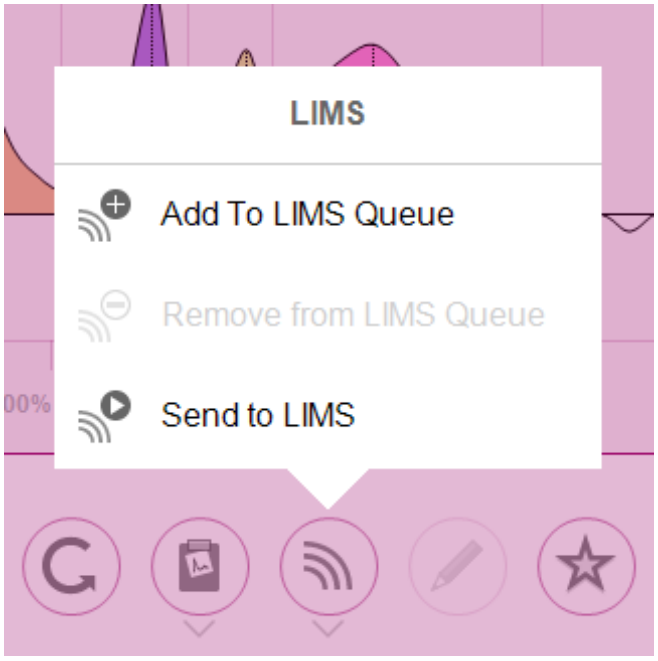
Note: The default for this configuration is OFF.



Querying LIMS

In the LIMS option menu, the ‘Query LIMS’ option is no longer available.

This option has been removed from the search page as search results are read only.

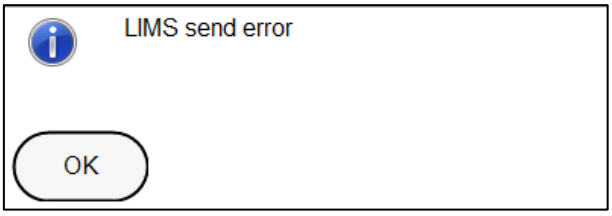


LIMS and Gateway transmission

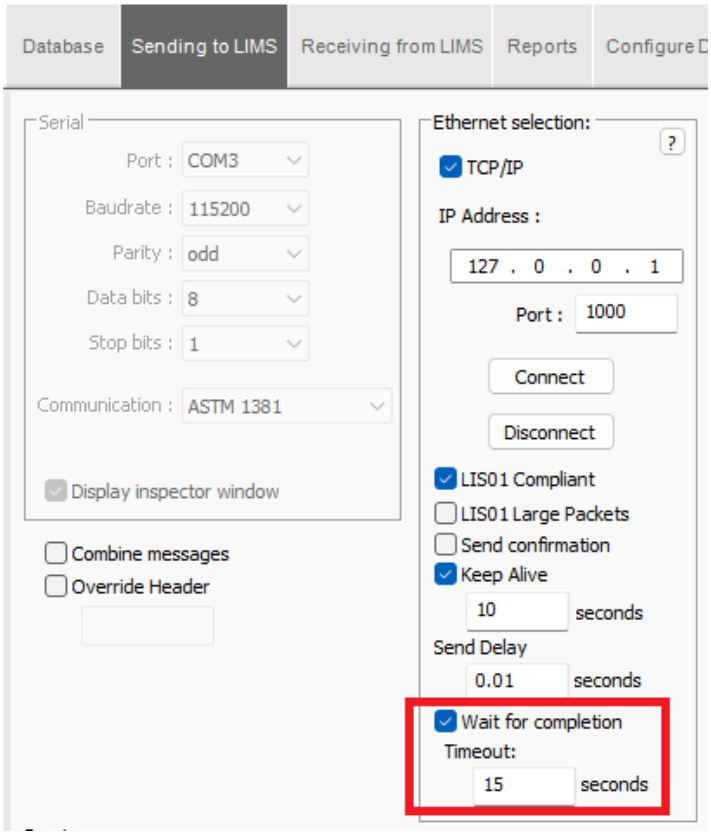
Previously, the timeout duration for Gateway to LIMS communication was set to 15 seconds. With this duration, during otherwise routine running, unnecessary timeout errors could be encountered. To mitigate this, the timeout duration has been increased to 30 seconds

Sending to LIMS

Previously, when sending multiple results to LIMS, with LIS01 active, every other sample within the selected data set could fail to send as Platinum was trying to send the next sample before the previous one had finished. In these cases, the following error message would pop up for each of the failed sends:



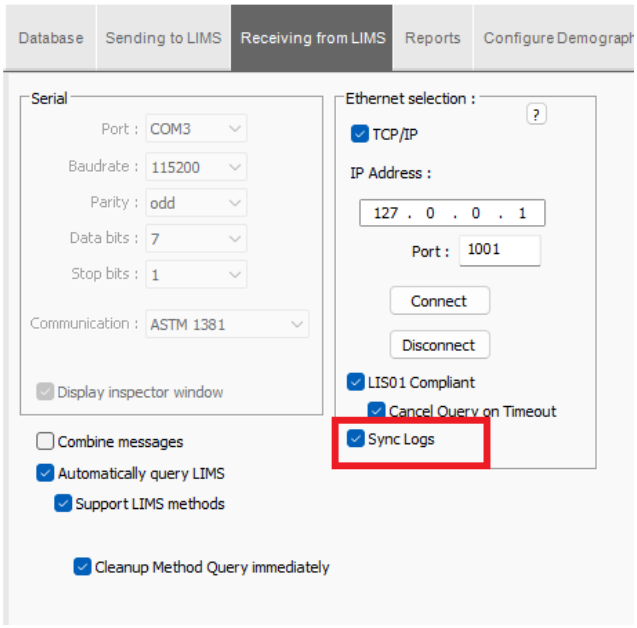
In Patch 308, a new **Wait for completion** option has been added in **Configure > Customise > Sending to LIMS**. When activated Platinum will wait for the previous send to finish before starting the next one.



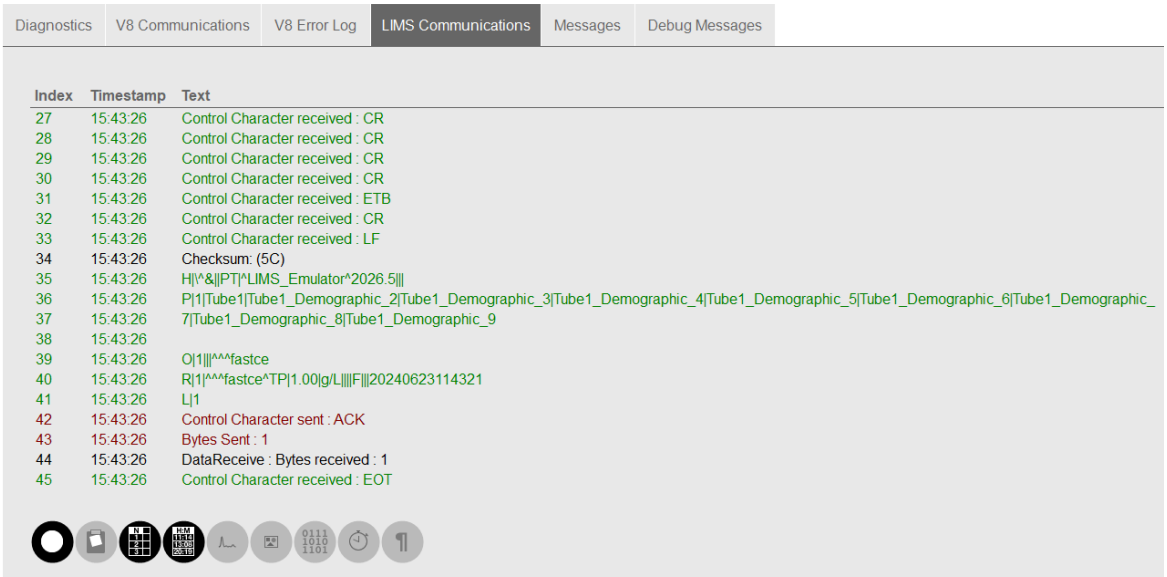
The timeout is only applied when **Wait for completion** is ON. While waiting for the previous data to finish sending, Platinum will wait up this number of seconds (defaults to 15s) before giving up and cancelling the send.

Sync logs

New **Sync logs** configuration option in **Configure > Customise > Receiving from LIMS > Ethernet selection**.



When switched on the LIMS communication log in the V8 Status window will be populated with both LIMS queries, sent results, and data received from LIMS.



Large LIMS queries

When querying LIMS with a very large number of samples simultaneously, with TCP/IP active and no protocol selected, the query would fail, and Platinum would crash as the number of bytes Platinum is able to receive would be exceeded. A fix has been implemented to ensure that Platinum can successfully execute large-scale LIMS queries with these settings.

Sebia Import Function

A fix has been implemented relating to the function of the Sebia Import tool. This was to address an issue specifically relating to the import of IFE images from a Sebia database (see Tech Alert CEP072).

Limitations

Changes to LIMS settings are tested to the best of our ability, however, we cannot be held liable for any changes that may be required to the software, or any laboratory software, used for LIMS integration as a result of this update.

Platinum PDF should only be used via the 'Print to Platinum PDF' functions within the Platinum 6.2 software and should never be set as the default printer. Alternate PDF creators are not recommended for use within Platinum.

This patch has been tested internally by Helena Biosciences Europe to ensure the core functionality is as expected, however, user specific usage cannot be reviewed. A review of the new features outlined in this document and local change control/verification of Platinum performance should be carried out to ensure continuity of performance.

Contact

Please contact Technical Support (support@helena-biosciences.com) for further details.