

Release Notes for Lucullus[®] – 24.1.1

NEW FEATURES

KEY	SUMMARY	COMPONENT(S)	DESCRIPTION
LUC-14236	Mouseover with Port (long) Name	Online Tool, Operation Tool	Hovering the pointer over a port name will display a description of the port previously specified in Port Details > Name field in System Administration tool
LUC-15454	Improving Web error message when the user doesn't have permission	Web-Application	Error messages improved to aid troubleshooting Lucullus Web interfaces issue.
LUC-15555	Unclear error message on Operation validation involving non-existent Function	Operation Tool	Error message shows "Syntax Error" upon validating an operation which contains a non-existent function in the Lucullus installation.
LUC-15750	Overwork OPC-DA server for dynamic sampler use case	OPC Bridge, OPC Server	Overworked OPC-DA server to correctly function for dynamic sampler use case with threaded access to items where in older versions implementation failed due to global and wrong timings.
LUC-15876	Return JSON as default in absence of Accept HTTP request header	REST API	Overworked all implementations for SignalResource and ConfigAPIResource where getRequestHeader() is used, to make use of JSON as default in case no Accept was in the request at all ({_} Accept{,_}). check for HTTP request header {,_}Accept{,_}. And return either JSON or MSGPACK in function of what caller requested for.
LUC-15900	Enhance Sample Remark Functionality	General, Sample Management	Sample remark field that shows up after adding a sample is editable now
LUC-15902	Login permission	REST API	Specific user login permission to the API is editable via the config-API.
LUC-16368	Add Hostname information to Process details/description	Execution Monitor, Graphic Tool, REST API, Web-Application	Computer hostname in which a process was running is now displayed in the Process Info view during and after process is finished.

BUG FIXES

KEY	SUMMARY	COMPONENT(S)	DESCRIPTION
LUC-14453	Endless loop in Hardware configuration	System Administration Tool	When the same property was added twice in the Hardware configuration, clicking Ok on error message generated an endless loop with the same error message. Sys Admin tool needed to be forced to close from Task Manager (or analogous of it).
LUC-15206	Sequence 2 does not start while using BioHT	Device Drivers, Numera	When sequence 2 (sending a sample to the BioHT from the Autosampler (ASX)) was executed the status of the sample has been changed to "analyzing" in Lucullus but no execution of the analysis was performed. Functionality of sequence 2 is reassured.
LUC-15243	Lucullus sending old PROCESS_TYPE values to Numera	Numera, Online Tool	Resolving the issue that Lucullus sent old PROCESS_TYPE values to Numera for certain operational scenarios and prevented operability of Lucullus.
LUC-15383	Remark field in Subdevice configuration truncated on save	System Administration Tool	Remark field in Subdevices menu of Sys Admin tool is not truncated to 4 characters anymore
LUC-15397	Numera SEQ2 does not start with s7numera driver version 2.09	Device Drivers, Numera	Transfer from autosampler or Numera to an analyzer (SEQ2) works properly with s7numera driver version 2.09.
LUC-15398	BioHT driver bug fix (sample rack position is lost in the BioHT software)	Device Drivers, Numera	Sample rack position of Numera cuvette in BioHT software is not displayed as empty now
LUC-15568	Accessing a mapped network drive results in endless loop of offline importer	Graphic Tool, System Administration Tool	Staging area specified folder path mapped to a network drive with properties specifying an authentication method resulted in an endless loop of the offline importer. This prevented proper access to the folder path due to authentication issue.
LUC-15630	'This property cannot be edited' message appears when trying to add 'LoginMode' property	System Administration Tool	Lucullus property LoginMode can now be edited by user with proper permission in non-GMP installations.
LUC-15645	Font type displayed when showing phases in charts	Execution Monitor, Graphic Tool, Online Tool	When user disabled option Hide Phases in trends it used to display a small text label on top right of the phase identifier box.
LUC-15731	Graphic Tool crashes when loading data	Execution Monitor, Graphic Tool	Loading high number of processes with high data load from graphic tool used to result in a graphic tool crash.
LUC-15803	Default Printer not selected in Printer Dialog	Media Tool	Selecting default printer from Print Label menu shows selected default printer.
LUC-15819	ExecMon crashes when printing sample labels	Execution Monitor	Printing sample labels from Execution Monitor for samples associated to different processes tool is not crashing anymore.
LUC-15893	Chromeleon HPLC parameters not transferred from numera to chromeleon driver	Device Drivers, Numera	Resolving the issue of parameters like instrument method or sample id / injection name were not successfully transferred from Lucullus UI (Online Tool) to the Chromeleon device.
LUC-15924	Execution section data, ports and attribute values not stored by operation	Execution Monitor	Resolving issue of Attribute data not being stored in the database if the value assignment is done within the operation. In addition the issue of non-stored attribute values for a step with a transition criteria of 1, that proceeds to a shutdown step, has been resolved.
LUC-15955	Phase Editor not working anymore	Graphic Tool	Fixed graphic tool driver allows start of Phase Editor
LUC-15997	Values confirmed get overwritten in Graphic Tool / ExecMon	Execution Monitor, Graphic Tool	Fixed overwriting of identical date and timestamp data points when manually entered data points are confirmed in Graphic Tool.
LUC-15998	Units list not in alphabetical order in local attributes (local parameters)	Operation Tool	Unit list for Local Parameters is now displayed in alphabetical order.
LUC-16000	Attributes tab in Online tool is not aligned	Execution Monitor	Attributes tab rows in Online tool are properly aligned with Name & Unit columns after process is started.

KEY	SUMMARY	COMPONENT(S)	DESCRIPTION
LUC-16124	Endpoint /reactors?running=true, when none is running, should return a correct error message	REST API	API endpoint /reactors?running=true returns message "no reactors running" when no process is running instead of "no reactors configured"
LUC-16139	Online calculation created in Graphic tool does not display value in process	Graphic Tool, Online Tool	Online calculations created in Graphic tool are able to display calculation output in running processes now.
LUC-16158	Endpoint /signals/{id} PUT for set current value returns bad unknown datatype when bridge not accessible	REST API	PUT requests using Lucullus REST API for real-time process control generate correct error message when TCP port or OPC Bridge become inaccessible. It previously returned an un-related error message to the issue.
LUC-16160	OC crash, process finished, without audit nor end date nor user interaction	Execution Monitor, Kernel, Operation Controller	Fixed issue in which processes unexpectedly crashed, being marked as Finished without any end time after crash. Correction implemented to avoid process stop.
LUC-16184	Lucullus Web fails to display signals, but API call responses have signal values	REST API, Web-Application	Monitoring Dashboard of Lucullus Web interface is fixed to display port signals of a selected process
LUC-16188	Duration not in realtime	REST API	Running process duration called via API endpoint _/processes?running=true_ is fixed to display real-time value directly from OPC Bridge service to avoid delays from synchronization to database server.
LUC-16244	Dashboard tables do not work when ports with similar cased names are use	Web-Application	Ports with the same name, but only differentiated by the usage of upper/lower case are now displayed correctly in Tables in the Analytical Dashboard of the Web interface.
LUC-16290	Limit input of No. of characters in Lot Remark field	Media Tool	System prevents user of typing more than 254 characters into Lot remark field in Media Tool. Before, there was no indication of a restriction, and comments surpassing 254 characters were not saved.
LUC-16297	Back-port "Closing of ExeMon disrupts connection between Vector Attribute and Output Port" to 24.1.x	Execution Monitor	A user can link to a reference port (recipient) an attribute. If user choses vector as data type for the attribute to be linked to a port, closing the Execution Monitor does not close the un-link the reference anymore.
LUC-16336	Incorrect sorting of running processes in Lucullus Web Analysis process search	REST API, Web-Application	Running processes (State = "Running") are sorted on top of the process list available for selection on the Analytical Dashboard of the Lucullus Web interface.
LUC-16343	Saving a text file that contains multibyte UTF8 character fails	Staging Area	Text files imported through staging area and stored in the database which contain multibyte UTF-8 characters is now possible (e.g. degree character "°")
LUC-16356	Can not load port list and make modifications to an operation, when using local ports.	Operation Tool	Usage of Local Parameters in operations does not cause any bugs editing of the operation.
LUC-16409	Step chain interactions stop to be logged after some time	Execution Monitor, Logger	Fixed issue in which the step chain interactions stopped being logged after reaching 100 interactions