



PRODUCT RELEASE DOCUMENT

BIOVIA Notebook

2023 SP1

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Third Party Notification

Your installation contains third-party software components. For details, refer to the BIOVIA Program Directory at <https://media.3ds.com/support/progdir/>.

Acknowledgments and References

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Customer Release Details

Release of BIOVIA Notebook 2023 SP1

Release Type: Service Pack

Release Date: 26 May 2023

Key Technical Points

- BIOVIA Notebook 2023 SP1 can be installed as a new installation or as an upgrade from Accelrys or BIOVIA Notebook versions 4.11.3 to 2023.
- The legacy Windows desktop client is no longer supported and does not work with any release after BIOVIA Notebook 2018.
- Internet Explorer 11 can no longer be used.

Support Dates

For information regarding currently supported releases and the dates on which mainstream support ends, see <https://www.3ds.com/support/policies-offers/lifecycle-policy/>.

For complete details about Support policies, see <https://www.3ds.com/support/policies-offers/>.

Getting Help

If you have questions, visit Dassault Systèmes Customer Support at <https://www.3ds.com/support> and click either **Call us** or **Submit a request**.

System Requirements and Installation

System Requirements

The system requirements for BIOVIA Notebook are identified in the document *BIOVIA Notebook System Requirements*. This document is included in the BIOVIA Notebook documentation zip file.

Other BIOVIA Applications

If you are installing other BIOVIA applications, install the following applications before you install BIOVIA Notebook:

- BIOVIA Foundation
- BIOVIA Pipeline Pilot

Installation

Installation instructions are provided in the *BIOVIA Notebook Installation Guide*. This guide is included in the BIOVIA Notebook documentation zip file.

Note: *Please observe the additional configuration step using the Repair Tool if Lookup sections are used in the system that is upgraded.*

Release Notes

This section provides information about the new features, enhancements, fixed defects, and known issues in BIOVIA Notebook 2023 SP1.

Change Advice

BIOVIA understands the requirement to apply Quality Risk Management to computerized systems according to the GAMP 5 and ICH Q9 Guideline. These Release Notes include Areas Affected and Risk columns that describe change advice information for each enhancement or fixed defect. You can use this information when assessing the risk of applying these changes to a validated environment and to help determine the required validation effort for this release.

Areas Affected

The Areas Affected column identifies the area of the application affected by the change.

Risk

The Risk column provides a combined measure of the complexity of change and the likelihood that the change might have an undesirable impact. Updates are assigned one of the following risks:

- **High:** Update affects several distinct areas of the code or is in a complex area of the code and has a high probability of occurring.
- **Medium:** Update affects a few distinct areas of the code or is in a stable area of the code and has a 50% to less than likely probability of occurring.
- **Low:** Update affects an isolated area of the code or is in a stable area of the code and has a low probability of occurring.

New Features

This release of BIOVIA Notebook provides new features that enable you to:

- The home page now features "My Projects" and "All Projects" view that provides a concise summary of key statistics for each accessible project
- Chemists are now able to enter amount, mass, and equivalents directly into the collapsed stoichiometric table
- Administrative users are now able to manage Notebook users directly within the Web client
- Notebook usernames now support login using double-byte Asian characters
- The Notebook Task Planner section can now import materials from the Foundation Hub built-in inventory

Enhancements

This release includes the following enhancements.

Description	Areas Affected	Risk Level	Jira Issue ID
Chemists can now enter the amount, mass, equivalents, and volume in the collapsed stoichiometric table, as long as the current calculation model allows these properties to be edited.	CELN: Editor, CELN: Chemistry	Low	CELN-10703
Users can now view the summary statistics about the contents they have created and the experiments to which they have access from the new "My projects" and "All projects" sections.	CELN: Editor	Low	CELN-12186
Admin users can manage other users from the Notebook web client.	CELN: Administration, CELN: API, CELN: Security	Low	CELN-12981
The installer for the Desktop Connector client on Windows now requires .NET Framework 4.8 as a prerequisite.	CELN: Desktop Connector, CELN: Install/Upgrade	Low	CELN-13144
Notebook usernames now support login using double-byte Asian characters.	CELN: API	Low	CELN-13153
The Notebook Task Planner section can now import materials from the Foundation Hub built-in inventory, in addition to the CisPro inventory which was supported in previous versions.	CELN: API	Low	CELN-13163
Database users can change their password from the profile settings in the Notebook web client.	CELN: Editor	Low	CELN-13193
Admin users can read and edit the properties of other users, on which they have read and admin permission, from the Notebook web client.	CELN: Administration	Low	CELN-13195
Admin users can change the password of other database users from the Notebook web client.	CELN: Administration	Low	CELN-13196
Admin users can create database and external users from the Notebook web client.	CELN: Administration	Low	CELN-13197
The iLabberEmailer windows service now supports sending email over SMTPS. This is enabled by editing the existing appSettings key "smtp" to smtps://server.company.com:port. If a port is not provided, port 587 will be used.	CELN: Administration	Low	CELN-13205
To avoid inactivity timeouts, an optional, programmable keep-alive request from the Windows Desktop Connector client is implemented. This option is only needed in Azure environments using WebSocket connections.	CELN: Desktop Connector	Low	CELN-13223

Description	Areas Affected	Risk Level	Jira Issue ID
Chemists can now use Chemdraw 22 as the drawing tool on MacOS.	CELN: Chemistry	Low	CELN-13237
Chemists can now use Chemdraw 22 as the drawing tool on Windows.	CELN: Chemistry, CELN: Desktop Connector	Low	CELN-13238
Enhanced usability of the voice control by adding "Semicolon" and removing "Undo" commands.	CELN: Editor	Low	CELN-13314
The dropdown option for Related Experiments now displays the full Title of the experiments.	CELN: Editor, CELN: Search	Low	CELN-6591
Switching the Hub session Collaborative Space from the Notebook web client now works even if you enable the popup blockers in the browser. A yellow popup with the text "Creating session" is shown, followed by another yellow popup with the text "Session created".	CELN: Editor	Low	CELN-13240
A co-signer who has completed co-signing of a previous submission of the experiment can now be added as a collaborator on the experiment. A collaborator who has contributed content to the experiment can now be the co-signer of a new submission part. This applies only if all the collaborator's contributions to the experiment are submitted, and the user is removed as a collaborator.	CELN: Submission	Low	CELN-13338
The Desktop Connector status is now indicated in the status bar, alongside the Notebook connection status indicator.	CELN: Editor, CELN: Chemistry, CELN: Desktop Connector	Medium	CELN-13170

Fixed Defects

This release includes the following fixed defects.

Severity	Description	Areas Affected	Risk	Defect
Major	Search by lookup values now consistently returns results when the lookup item has an assigned description.	CELN: Search, CELN: Database	Low	CELN-13268
Major	An issue with how ElnDirectorySyncService reads data from Active Directory was resolved. It caused the reading of AD users to stop, under very special circumstances.	CELN: Administration	Low	CELN-13277
Major	Now there are no issues with New Users getting access to public templates when project permissions are granted using the Notebook web client. This problem	CELN: Database, CELN: Install/Upgrade	Low	CELN-13356

Severity	Description	Areas Affected	Risk	Defect
	did not happen when granting project permissions using ElnAdminWeb.			
Minor	A "Missing privilege" error message appears when a user with Data Archive privilege, but no Data Archive user account, tries to access Data Archive.	CELN: API	Low	CELN-11972
Minor	"Drag and Drop" files of different sizes to Excel, PowerPoint, and Word sections are now faster. The recommendation for very large files is to use "Upload" instead of "Drag and Drop".	CELN: Editor, CELN: Desktop Connector	Low	CELN-12162
Minor	Redundant settings "Section titles in bold" and "Support for Japanese characters" are no longer shown in personal settings.	CELN: API, CELN: Navigation	Low	CELN-12772
Minor	The web client can handle long file names when displaying the file name of uploaded files. The file names are correctly wrapped in the file attachment section.	CELN: API	Low	CELN-12775
Minor	The 'µ' character is now displayed correctly in the column headers of SD files.	CELN: Editor	Low	CELN-12998
Minor	SystemSettings now includes BiologicalSequenceSectionSettings and SnapGeneCollectionSectionSettings. The MaxSize setting indicates the maximum file size per upload.	CELN: API, CELN: Install/Upgrade	Low	CELN-13045
Minor	The options of the chemical drawing tool dropdown in Chemistry options are updated when the connection status changes.	CELN: Editor	Low	CELN-13079
Minor	Advanced search now produces correct results for Experiment Number filters in My Searches.	CELN: Search	Low	CELN-13119
Minor	The columns are not reset to default when a user applies the "More Than A Year Ago" or "Any date" filter. The filters applied to columns in library listings are now working as expected.	CELN: API	Low	CELN-13120
Minor	Data Archive is now compatible with the Firefox browser.	CELN: Editor, CELN: Data Archive	Low	CELN-13131
Minor	The reaction import Preview dialog now shows only the required details when an exception occurs.	CELN: Editor, CELN: API	Low	CELN-13173
Minor	Data Archive now handles the setting "NumericUserNameMinLength" correctly so that with	CELN: Authentication	Low	CELN-13176

Severity	Description	Areas Affected	Risk	Defect
	appropriate configuration, it is possible to have users having an all-numeric username shorter than 10 digits.			
Minor	The HTTP client settings of the Windows Desktop Connector client are changed, making it less prone to connection issues.	CELN: Desktop Connector	Low	CELN-13220
Minor	The Desktop Connector can now detect that two DesktopConnectorService instances are distinct, including when they share the same IP address.	CELN: Desktop Connector	Low	CELN-13221
Minor	On Windows, the number of desktop client login dialog boxes that appear when the Azure access token has expired has been reduced.	CELN: Desktop Connector	Low	CELN-13226
Minor	When the Azure access token expires, the web client now displays the message "Not authenticated". It also displays a dialog box, providing an "Unlock" function which refreshes the access token automatically if possible, or displays an Azure login dialog box.	CELN: Editor, CELN: Search	Low	CELN-13233
Minor	When you open the Find compound dialog box from a Chemical Reaction section, and create a new chemical drawing, the compound transfers correctly to Notebook.	CELN: Chemistry	Low	CELN-13239
Minor	Reauthentication works as expected also when both protocols, HTTP and HTTPS, are enabled for NotebookLoginService and Notebook.	CELN: Authentication	Low	CELN-13243
Minor	Projects with long Asian titles and descriptions are correctly truncated and printed in the PDF header section.	CELN: API	Low	CELN-13245
Minor	The handling of Desktop Connector connection issues is improved. In the Notebook web client, the messages related to the connection status are now more helpful.	CELN: Editor, CELN: Desktop Connector	Low	CELN-13258
Minor	Users can now share an Experiment URL copied from an Experiment search for other users to use. In previous releases, such URLs could typically be opened only by the original user.	CELN: API, CELN: Search	Low	CELN-13263
Minor	Removing one of the lookup search criteria from the search results refreshes and shows the results according to the remaining search criteria without any error.	CELN: Editor	Low	CELN-13269
Minor	Now there is a separate table to hold the ASCII content and then populate that using a job in the same way as done with text searching for documents.	CELN: API, CELN: Database	Low	CELN-13295

Severity	Description	Areas Affected	Risk	Defect
Minor	When connected to the Foundation Hub, the Notebook no longer requires the user's Hub session to specify the active Collaborative Space.	CELN: Authentication	Low	CELN-13323
Minor	Task Plan that contains Result data of ValueType "Vocabulary" or "File" is now correctly interpreted and displayed when imported into a Task Planner section in Notebook.	CELN: API	Low	CELN-13325
Minor	Users can now export their experiments to Word format even with blank sections title.	CELN: API	Low	CELN-13345
Minor	A Limiting Reactant/Reagent is assigned when a user uploads a chemical reaction without opening the file in a chemical drawing tool.	CELN: Editor, CELN: API	Low	CELN-13348
Minor	Long Asian titles are truncated and correctly printed in the PDF header section.	CELN: API	Low	CELN-8039
Minor	Filtering experiment lists in the library pages by project now generates the expected results, as the filtering is done by exact matching of the project names.	CELN: Navigation	Low	CELN-9100
Trivial	The zip file created while exporting the experiment into Word format gets deleted automatically from the server's temporary folder.	CELN: API	Low	CELN-10833
Trivial	Experiments having a ">" sign in the title can now be exported to Word correctly.	CELN: API	Low	CELN-12809
Trivial	Removed PngWidth and PngHeight settings from ImageSectionSettings as the Notebook no longer uses them.	CELN: API, CELN: Install/Upgrade	Low	CELN-12818
Trivial	Projects names having the character "&" are now displayed correctly in the Notebook with the SQL server.	CELN: Database	Medium	CELN-12874
Trivial	The last records in the section history are now correctly sorted.	CELN: Editor	Low	CELN-12923
Trivial	The API built-in help now accurately describes the ISBLANKTEMPLATEFOR property.	CELN: Navigation	Low	CELN-13048
Trivial	Enhanced the readability of submission comments by keeping the line breaks intact after signing.	CELN: Editor	Low	CELN-13080
Trivial	The error message is correctly displayed when a user tries to use an inactive project in an experiment.	CELN: Editor, CELN: API	Low	CELN-13081
Trivial	Resized images in the Body Text section are displayed correctly in the PDF view.	CELN: Editor, CELN: API	Low	CELN-13121

Severity	Description	Areas Affected	Risk	Defect
Trivial	Sections locked by the contributors are reported correctly in the Audit Trail.	CELN: Administration	Low	CELN-13137
Trivial	The unit for mass in the Chemistry section of the Personal Settings now has microgram (µg) and nanogram (ng) options.	CELN: Editor	Low	CELN-13216
Trivial	The ampersand character is now encoded correctly when used in a URL parameter to an API request. So, it is now possible to export an experiment list to Excel also when filtered by a project name containing "&".	CELN: Editor, CELN: API	Low	CELN-13368

Known Issues

This release has the following known issues.

Severity	Description	Defect
Minor	Users cannot edit Word files in the File Attachment section on MacOS.	CELN-12860
Minor	ElDirectorySyncService takes long to get data from AD	CELN-12958
Minor	The functionality in BIOVIA Draw of Structure to IUPAC Name is grayed out when Draw is opened from BIOVIA Notebook.	CELN-12987
Minor	When a new co-signer is assigned to an experiment, the experiment shows in the "Me to Sign" lists of previous co-signers.	CELN-5577
Minor	A submitted invalid experiment does not display in the "Waiting for Co-Signer" section in the witness's Notebook web client.	CELN-8137
Trivial	Co-signer receive "Could not load experiment" error when attempt to sign experiment	CELN-12758

Notebook Collection

Enhancements

This release includes the following enhancements.

Description	Areas Affected	Risk Level	Jira Issue ID
A new component has been created that allows a user to change the position of a section within the experiment.	ANC: API	Low	ANC-277

Fixed Defects

This release includes the following fixed defects.

Severity	Description	Areas Affected	Risk	Defect
Minor	A hardcoded connection name was removed that may have prevented the Update Notebook component to work when using a connection name other than Connection1.	ANC: API	Low	ANC-278

Pipeline Pilot Notebook Collection Known Issues

There are no Known Issues for BIOVIA PP Notebook Collection.