

**unqork**

# Platform Release Notes

Version: 7.16.0

# Release Highlights

## Bulk Data Operations

With this release, Bulk Data Operations (BDO) are now available, making it easier to move your submission data in and out of the Unqork Designer Platform.

The following BDOs are supported:

- **Delete:** The BDO Delete operation lets you delete submission data from your record collections.
- **Export:** The BDO Export operation lets you export all of some of your submission data into a file for download. Or you can send it to an Amazon S3 or Azure Blob object storage service.
- **Import:** The BDO Import operation lets you import submission data into your record collections.
- **Update:** The BDO Update operation lets you update submission data in your record collections.

## UDesigner Component Suite

The **Navigation** and **Timer** components are now available in UDesigner. These components support the same functionality as in Classic Designer but with an improved look and feel.

## Certificates for SAML Assertions

We're excited to announce a new enhancement to our SAML Single Sign-On (SSO) configurations. Creators using **Signed AuthnRequest** or **Expect Encrypted Assertions** can now bring their own certificates for SAML assertions.

Benefits include:

- **Bring Your Own Certificates (BYOC):** Upload and manage your own X.509 certificates for signing and encrypting SAML assertions.
- **Enhanced Security:** BYOC allows for greater control over your SAML setup by letting you use certificates issued by your preferred Certificate Authority (CA).
- **Streamlined Configuration:** Easily upload, activate, and rotate certificates directly in the SAML SSO configuration interface.

Organizations who require higher security and compliance standards can now leverage their own trusted certificates. This enhancement also helps those that need more flexibility and control over SAML assertion encryption and signing processes.

**Note:** This update is part of our ongoing commitment to enhancing security and customization options for our customers. If you have any questions or need help setting up your custom certificates, please submit a ticket to [support.unqork.com](https://support.unqork.com).

## UDesigner Component Settings Resizable Drawer

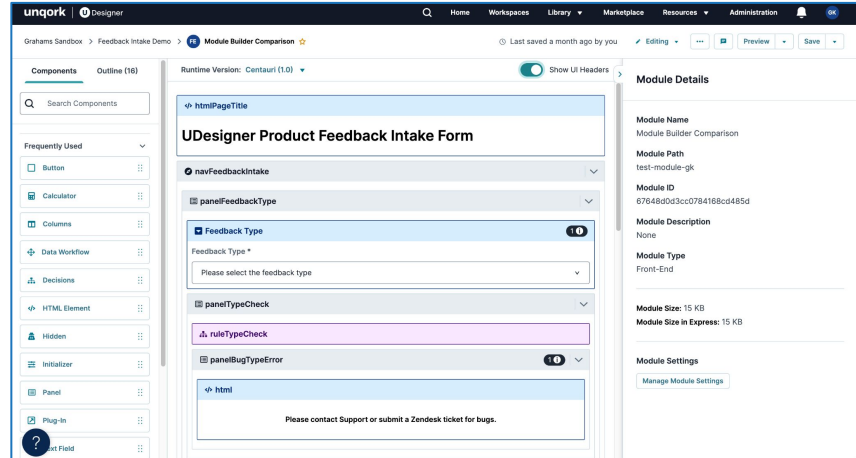
With the release of UDesigner, the component settings modal was upgraded to a drawer to the right of the Module Builder. With this new release, Creators can now resize the drawer to meet their configuration needs. Most UDesigner components default to a new **medium (M)** or **large (L)** size, optimized for the type and number of configuration settings. Most components also offer the original **small (S)** resizing option so you can view the Module Builder canvas during configuration.

## UDesigner Component Canvas Contrast

Improved Module Builder component contrast to better identify and locate components on the Module Builder canvas.

These improvements include:

- New logic component contrast.
- New container component headers.
- The ability to add headers to UI components.



## Introducing Unqork's Visual Query Builder

The Visual Query Builder enables Creators and Administrators to target specific data captured by their applications. The Query Builder is like a SQL builder tool for creating a logic statement to retrieve specific information from a database. The information can then be retrieved by a module using a Plug-In component.

Unqork's Query Builder is optimized for accessing data stored against Data Model schemas, reducing the need to build complex data workflows for targeting and retrieving data.

Benefits include:

- A simple-to-use interface for building and refining queries.
- Quickly build queries using logical and comparison operators to retrieve specific data without the need for complex data workflows.
- Easily refer to prebuilt queries using the Plug-In component in modules.

**Note:** This feature is currently in production early-access. Functionality is subject to change as this feature is prepared for general access. To enable the feature in your environment during the early-access phase, please contact your Unqork representative.

# Enhancements



# Enhancements

## Platform Architecture

- **Designer Roles:** Implemented enhanced validation for the `designerRoles` field to ensure accuracy and consistency across the Unqork system. This update improves role management reliability and prevents unauthorized or misconfigured access for designer-related functionality.

Below are the new enhancements:

- **Validation Requirement:** All roles assigned to designers must now exist or be created before:
  - Assigning roles to a user.
  - Updating roles for users.
  - Logging in using SSO.
- **Impact on SSO Login:** If a role is missing or invalid during an SSO login attempt, the system prevents the login. Then, it prompts an error, ensuring proper configuration is in place.

**Note:** Verify that all Designer roles are properly configured in the system to avoid disruptions during updates or SSO logins. For further assistance, or if you have questions, please contact your Unqork representative.





# Enhancements (Continued)

## Record Collections

- **Record Collections Viewer:** Added a new **Size** field in the Record Collections Viewer to display the record's size in megabytes (MB).

## UDesigner

- **Application Element Search:** Improved search features for locating application elements by searching for names or filtering by tag(s).
- **Field Tags:** Improved component field tag accessibility and a new icon at the top of a component's settings drawer to easily add tags.
- **Performance:** Overall improved UDesigner Module Builder page load and action performance. Also, improved UDesigner Data Workflow performance.
- **Sharing Component Settings:** Improved process of copying and sharing a component's settings configuration with others. The component's **Copy** button is now labeled as **Share** to support this feature.
- **Wayfinding:** Creating a new application in a workspace navigates to the newly created App Details page.



# Enhancements (Continued)

## Vega

- **Data Workflow component:** Added a parameter to **Excel to JSON** operator so Creators can specify a delimiter when parsing files. Doing so is useful for files where the delimiter is not always comma, like CSV files.
- **Vega Table component:** Added functionality to the **Hide** and **Clear** column filters of the Vega Table toolbar UI. Previously, only the ability to hide a column filter existed, which also cleared the filter value. Now, end-users can individually hide clear a column filter using the **ellipsis** icon next to column header.
- **Vega Table component:** Added functionality that no longer restricts table data to their columns in Express View. Now, the Vega Table component can have values for columns that might not exist in the UI.
- **Vega Table Operations:** Added a new operation called **Table Set Column Widths**. This operation lets Creators set column widths (in px) and how they behave when the window is resized.
- **Vega Table Operations:** Added a new option to the existing **Table Remove Columns** operation called **Remove Corresponding Data**. When enabled, the data for a column is removed from the value of the Vega Table when the column is removed. When disabled, the column's data stays with the Vega Table component when the column is removed from the UI.



# Enhancements (Continued)

## Vega (Continued)

- **Vega Table Operations:** Added support for a new `$currentIndex` syntax for the **Add Row** and **Remove Rows** Vega Table operations. This syntax dynamically refers to the current index of the table.

For example, let's say you have a button configured in the Vega Table that uses the `TABLE REMOVE ROWS` operation. Then, set the Target Indexes option in the operation's value to `$currentIndex`. When the button is clicked, the operation deletes the current row.

- **Vega Table Operations:** Added a new operation called **Table Rename Column**. This operation allows for the renaming of Vega Table column headers.
- **Vega Table component:** Added support for server-side pagination in the Vega Table component.

Below are descriptions of the new settings that support this feature:

- **Enable Server-Side Pagination:** When enabled, server-side pagination is set in the Vega Table.
- **On Table Pagination Change:** This new event occurs when the end-user changes the page viewed in the Vega Table UI.
- **On Table Page Size Change:** This event occurs when the end-user changes the page size in the Vega Table UI.



# Enhancements (Continued)

## Vega (Continued)

- **Vega Table component:** Added a new operation called **Table Set Filter Types**. This operation enables granular control over a Vega Table component's column filtering feature. Creators can specify the type of filter to use for each column, and control its specific effects. For example, you could limit the filter options for a column containing a drop-down list, or limit the minimum and maximum range values of a column displaying the number data type.

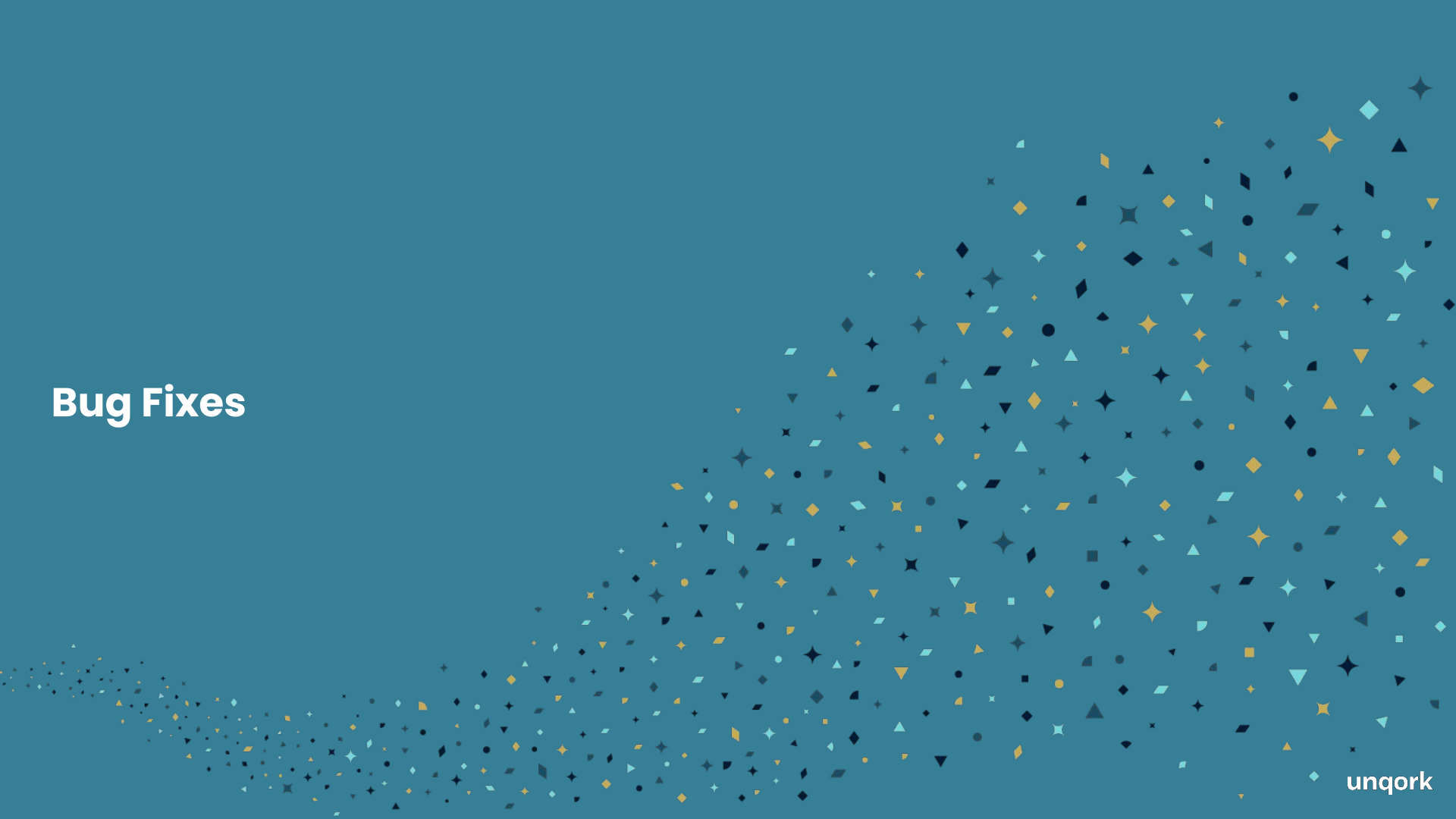
Creators can now choose between the following filter types:

- `text`
- `select`
- `multi-select`
- `number range`
- `number range slider`
- `checkbox`
- `date range`

**Note:** The `text`, `select`, and `multi-select` filter types allow for filtering on blank values.

- **Vega Table component:** Added the **Reset Page Index** setting. When enabled, if a filter or sort is applied to the Vega Table by the end-user, the selected page resets to the first page.

# Bug Fixes



# Bug Fixes

## Applications

- **Application Versioning:** Fixed an issue where Workflow Version History did not work correctly when used with a versioned workflow-type application.
- **Application Versioning:** Fixed an issue where dependencies of an active version did not display.
- **WORM Storage:** Fixed an issue when opening the Application settings and enabling WORM Storage. After saving changes and reopening the settings modal again, the expected **In Progress** message does not display and the setting can be disabled.

## Centauri

- **Dynamic Grid component:** Fixed an issue where the **Single Select Dropdown** option did not display properly in the UI when viewed in a modal.

# Bug Fixes (Continued)

## Components

- **Data Workflow component:** Fixed an issue when using the **Excel to JSON** operator with pipe (|) characters as a delimiter would parse incorrectly.
- **Plug-In component:** Fixed an issue where the application crashes or does not return the appropriate result(s) when searching for a module from a large number of modules in the **Internal Service** drop-down menu. On load, only the first 100 modules display in the drop-down menu and others autopopulate as you enter text.

## Express View

- **Express View:** Fixed an issue where, if a module has translations enabled, the HTML language attribute did not reflect the current language.

## Platform Architecture

- **Forgot Password:** Fixed an issue where, after submitting a request to create a new password, the **Forgot Password** dialog displayed the confirmation in a separate, nested modal.

# Bug Fixes (Continued)

## UDesigner

- **Advanced Search:** Fixed an issue where all results were not returned when searching with an empty field.
- **Advanced Search:** Fixed an issue where using the **Data** filter did not return any Data Collections.
- **Date Input component:** Fixed an issue where, in certain situations, the Data Input component did not render after dragging-and-dropping it onto the Module Builder canvas.

## Vega

- **Search Select and Simple Search components:** Fixed an issue where these components were duplicated inside a Vega Table component when using a Data Workflow component to update **Hidden** and **Disabled** settings.
- **Text Field component:** Fixed an issue where, in certain situations, the **Required Custom Error** message displayed an incorrect message.
- **Timer component:** Fixed an issue where, in certain situations, the Timer component countdown began a second prematurely.



# Bug Fixes (Continued)

## Vega (Continued)

- **Vega Table component:** Fixed an issue where, in certain situations, the Vega Table component would not load when populated with data on **New Submission**.
- **Vega Table component:** Fixed an issue where Number component columns in the Vega Table were incorrectly displaying minimum and maximum validations when the data was given to the Vega Table by a logic component.
- **Vega Table component:** Fixed an issue where, in certain situations, Number component columns were not displaying the correct validation errors for required validations.
- **Vega Table component:** Fixed inconsistent behavior of the **Table Set Global Filter** and **Table Set Global Filter Visibility** operations.



# Bug Fixes (Continued)

## Workflow Builder

- **Workflow:** Fixed an issue where, in certain situations, state history and statuses would grow exponentially. This led to out-of-memory exceptions and environment slow downs. As a result of this fix, when a Timer node loops more than once, state history and statuses stop updating until it exits the loop.
- **Workflow Navigation:** Fixed an issue where, in certain situations, a background network call returned a **403** error on workflow navigation.