Release Notes 11.10.1 Platform Changes

The Alfabet platform has been updated to include many new capabilities and enhancements to the functional scope of Alfabet.

Improvements

The following enhancements to the Alfabet platform are available with this release.

Extended scope for data-triggered action rules

Data-triggered action rules can be created for more classes. Data-triggered action rules, previously restricted to asset classes, can now be defined for any object class with generic operations for editing, creating, or deleting the object defined. The drop-down list to set the target operation will only show the operations applicable for defining data-triggered action rules.

Enhanced click actions in the user interface

With the introduction of object inspection, a single-click on an object on the Alfabet user interface opens the object inspection pane and double-click opens the content area of the object. If links in the user interface do not target an object, the object inspection window will be deactivated. In this case, single-click and double-click will open the link target for the following link types:

- Links opening data quality findings. This applies to the **My Data Quality Issues** view as well as to any link defined in a configured report with the `NavigateToResolution` instruction.
- Links in configured reports created via one of the following Alfabetinstructions: `LinkAssignment`, `EditLinkAssignment`, `DynamicLinkAssignment`, and `JoinURLLink`

Easier resolution for data quality rule violations

If a data quality rule violation is due to a missing definition on a property, a link will be added to the **Data Quality Findings** panel. Clicking the link in the **Data Quality Findings** panel will move the focus directly to the property in the content area where the issue must be resolved.

Configurable sort order for indicators in property groups

If multiple indicators were added to a property group in a content area, the sort order was dependent on the REFSTR of the indicator and followed the order of definition of indicators. This behavior has been changed and administrative users defining indicators can change the sort order for indicators within the same evaluation type. The indicators are added to property groups in the order of

appearance in the **Indicators** view of evaluation types. The sort order in the view can be changed using drag-and-drop.

Proxy connection routing for the AI Assistant

The Alfabet AI Assistant is deployed as a separate component in the cloud. The XML object **`AIServicesConfig`** has been revised and supports the configuration of routing the connection of the Alfabet AI Assistant via a proxy server. *Details have been added to the documentation of the AI Services activation.*

Complete JSON payload mapping for generic API integration

The Generic OAS Integration has been enhanced to provide solution designers the ability to send complete JSON payload in the request body of a REST API call. The ADIF Designer view, which supports report column mapping to request body parts, allows a top-level JSON content returned in the report to be mapped. When the mapped report column provides the complete JSON payload, it is sent to the endpoint as the request body. Alternatively, the mapping view in the ADIF also supports mapping of columns providing JSON content to objects and arrays on the leaf level.

In the resource bundle mapping view, the incoming response body can be mapped to a JSON import scheme. In this case, the JSON response is mapped to Alfabet temporary tables that properly consume the JSON data.

Deprecated functionality removed

The **Register Event Logger** functionality of the Alfabet Administrator and the register event logger functionality of the `AlfaAdministratorconsole.exe` command line tool are not required for NLog logging and have been removed.

Fixes

- The masthead is correctly displayed if the left navigation has no sub-menu items.
- Changes made when hiding and moving content items on content pages of content areas are persistently stored.
- When the user changes to another content page, the focus of the vertical scrolling is on the top of the new page.
- Sometimes resizing content items made the content vanish until the page was refreshed. This has been resolved
- If a user cannot edit an object, indicators and role types in the content area are deactivated and also not editable. This fix is a resolution for ticket ASD-9240.
- Analytics dashboards are correctly loaded and rendered in content areas.
- The option to add an analytics dashboard has been removed from the three-dots menu of class-based content areas. Analytics dashboards are only supported for class-independent content areas.
- Values were hidden in long drop-down lists where string arrays were selected. A scrollbar has been added to the drop-down lists to solve this issue. This fix is a resolution for ticket ASD-8851.
- Standard selectors have been corrected to honor the auto-wildcard setting. This fix is a resolution for ticket ASD-8428.
- Range definitions restricting a reference target to one object class were not applied when the object selector was opened. This has been addressed, and the object selector complies with the range definition.
- The caption of the default `Generic Attributes` object class property group for extended attributes has been changed to **Extended Attributes**.
- Gantt charts with multiple levels of objects are no longer collapsed.
- Links to the obsolete help files for the Alfabet release 10.15 are not displayed in wizard steps.
- The error that occurred when a new cost center was created in the **Cost Management** view has been resolved.
- Project milestones rendered in the **Milestone Tracking** view for projects show complete numbers. This includes numbers higher than 9. This fix is a resolution for ticket ASD--8649.

- Buttons to add local components or work with components are activated in the **Platform Architecture** view. This fix is a resolution for ticket ASD-9142.
- Data table reports are correctly rendered to show all content including for large datasets and on all screen sizes. This resolution is a fix for ticket ASD-8629.
- The generic operation to create new interface systems for information flows has been corrected and the + plus sign button > **Create New Interface System** on information flow data workbenches works as expected. This fix is a resolution for ticket ASD-9108.
- Values set for indicators are displayed in the **Evaluation** view. This fix is a resolution for ticket ASD-9125.
- The caption of the detach button in the **User's Reports** view has been changed from **Action** to **Detach**. This fix is a resolution for ticket ASD-8658.
- The Alfabet instruction `SetObjectIcon` did not work correctly. This caused issues with the **Recent Assets** view in the preconfigured IT Transformation Server solution for Alfabet. The instruction has been corrected and all relevant reports are executed correctly. This fix is a resolution for ticket ASD-8991.
- Performance problems have been resolved:
  - The load time of the **ADIF Jobs Administration** view has been considerably reduced. This fix is a resolution for tickets ASD-8628 and ASD-8795.
  - The execution time for data quality rules has been improved.
  - The performance of export of reports has been improved for export to Microsoft® Excel® and significantly improved for export to CSV files. However, where additional timeout limits occur like in cloud environments, export to Microsoft Excel files may fail for reports with excessive amounts of data. It is recommended to use the much quicker export to CSV in these cases. A warning will be displayed if a user tries to export reports with more than 40,000 objects, recommending them to export via CSV as this is significantly faster in execution. A solution is planned for a future release to cope with long running exports in cloud environments. This fix is a resolution for ticket ASD-7738.
  - Performance problems that occurred when the meta-model was updated via an AMM file have been resolved. The standard ADIF job `SemanticSearch` has been deactivated because the AlfaBot functionality of Alfabet 10.15.x is deprecated.

- In the example configuration for NLog logging to Splunk®, the `sourceType="_json"` XML attribute of the `target` XML element has been corrected to `sourceType="json"`.
- Update of the meta-model via an AMM file is processed without errors when migrating an Alfabet 10.15.x database to Alfabet 11.10.1. This fix is a resolution for ticket ASD-9078.

Known Limitations

- On migration from Alfabet 10.15.x to Alfabet 11.10.1, images assigned to object classes via the class settings should be updated to SVG to support re-coloring via custom schemes. Re-coloring is especially important for the dark color scheme. Please note the following:
  - If a PNG icon is assigned to an object class, the software will try to find an SVG icon with the same name and use this instead. Hence PNG and SVG should have unique names. The word 'outline' should not be used in the PNG icon name. .
  - SVG icons must be silhouette icons without strokes, ideally with a black outline and transparent background. SVG icons with black silhouettes would switch automatically to white in the dark mode. Please use reputed galleries for this like Google Material Sharp and use icons of type outline.
  - If a PNG with fixed coloring shall be used, it must not have the same name as an existing SVG icon in the icon gallery.
  - If standard icons shall be used, the SVG version can be requested via: Alfabet Support.
- The **Structure** button to re-order columns is not working in configured reports designed with a `GroupBy_Ex` instruction. In these reports, the **Structure** button can be hidden by setting the **Configurable** attribute of the presentation object of the configured report to `False`. This configuration is a fix for ticket ASD-8817.
- Objects can be dragged from one cell to another in Kanban reports and matrix reports. Please note that the object inspection panel will open when clicking on the object. This will be addressed in a future release.

Release Notes 11.10.0 Platform Changes

The Alfabet platform has been updated to include many new capabilities and enhancements to the functional scope of Alfabet.

New

The following is introduced to the Alfabet platform this release.

AI assistant to help users

A new Alfabet AI Assistant is available to help users quickly find answers to their questions about Alfabet. The AI assistant searches the Alfabet online help to answer questions that a user types into the AI assistant window. The Alfabet AI Assistant can be opened via a button in the user interface masthead.

The Alfabet AI Assistant is hosted on Amazon Web Services® and operates independently from the Alfabet installation. The AI assistant accesses the Alfabet online help as the only information source and does not process data from the customer database. The user's questions and answers are not saved and are only available during the user session. The Alfabet AI Assistant is available on request. An administrative user can activate and deactivate the AI assistant for specific user profiles in the user profile configuration.

For on-premise customers: The new XML object **`AIServicesConfig`** allows you to activate or deactivate the AI assistant for all users.

Learn more about how to use the Alfabet AI assistant and *how to activate/deactivate it for user profiles and on-premise installation*.

Editable object inspection preview

New object inspection views offer a streamlined, user-friendly preview that highlights key object details and enables instant, in-place editing. Object inspection views re-use the configuration of the new runtime editor capability to show a preview with all properties enabled for runtime editors. Users can single-click the button for an object in a data workbench, content area, guided data view, Gantt chart, portfolio report, diagram, and diagram-style reports to open the preview panel to view and edit the object. The preview is not available in business chart reports.

The preview is available if the new **Enable Object Inspection** attribute is activated in a class setting. It is possible to combine object inspection windows with the legacy concept of standard and custom editors.

Important: This feature introduces a new click interaction. The single-click interaction is explicitly implemented to open the preview. Consequently, navigation to an object now requires a double-click to open, replacing the previous single-click behavior. As an exception, clicking the navigate icon in data workbench rows still triggers navigation with a single click, bypassing the preview mode. If object inspection is not enabled, the single-click interaction will have no effect.

Learn more about implementing object inspection in the context of runtime editors.

Generated editors at runtime

This release introduces runtime editors, a significant improvement that simplifies the configuration of editors, eliminating the need for hands-on configuration of each editor and its editor fields. Runtime editors are configured directly in the class model where the new **Enable for Runtime Editor** attribute can be set for each standard and custom object class property. The order of the properties can be specified to determine the sequence of their filter fields in the editor. At runtime, the editor will be generated with all relevant fields in the correct order. The **Enable for Runtime Editor** attribute can be deactivated on the level of class settings to customize the display of filter fields in different contexts. This is a substantial enhancement to editor configuration that obsoletes the need to separately configure editors and inline editing regarding editability, visibility, and captions.

Runtime editors are available in addition to traditional standard and custom editors. The implementation of runtime editors must be explicitly specified in the class settings where they are to be implemented. On-premise customers using customer-defined configurations are recommended to change to the new runtime editors. Customers using a preconfigured Alfabet solution will automatically have runtime editors implemented for a range of object classes.

Learn how to activate and configure runtime editors.

Access URLs and email from the navigation panel

External links as well as links that allow an email to be sent to a specified email address can be made available by a solution designer for specified user profiles. The solution designer can define and maintain the links in the Alfabet user interface. A solution designer can make the external links available in the user interface by creating a data workbench for the new object class `ALFA_EXTERNAL_LINK` (**External Link**). The links can then be added to a user profile menu configuration in Alfabet Expand. The links will be available to the relevant user profiles in the left navigation panel in the menu item that the solution designer has configured. External links can be added to AMM files as reference data.

Learn more about how to define external URLs for a user profile.

Simplify complex data with analytic dashboards

Alfabet provides analytics dashboards that are based on the embedded third-party tool DevExpress® Dashboard. Analytics dashboards support end users to create ad-hoc information-rich data visualizations. Users can use the full-range of visualization possibilities available in the DevExpress Dashboard Designer. One or more dashboard items such as charts, scatter charts, grids, cards, gauges, pivots, range maps, tree-maps, etc. can be added to the analytics dashboard and filtering options such as combo-boxes, list boxes, and tree views can be leveraged.

Analytic dashboards can then be shared with other users as a dashboard page. The dashboard pages can be added to class-independent content area like **Home** and will show one analytic dashboard. Analytics dashboards can be added to the relevant content area via the new **Add New Dashboard Page** in the 3-dots menu and in Alfabet Expand via the content area configuration.

Existing analytics dashboards are available in the repository for customers migrating to Alfabet 11.10 from Alfabet 10.15. They must be manually added to the content repository to be shown in class independent content areas.

State-of-the-art logging mechanism

New logging mechanisms via the NLog® third-party component are available in Alfabet. Prior logging options available are obsolete and have been removed from the server alias. The new NLog mechanism provides the following advantages:

- NLog supports flexible setup of logging to various file formats like XML, CSV, or JSON, and various log targets, including logging to the standards console output, Splunk, and the previously supported log targets such as logging to file or the Microsoft Windows® Event Log. Rules are provided to define log target and log level for different functionalities individually. Log messages can be written to different targets in parallel and emails can be configured to be sent automatically in case of errors.
- The NLog component is well-suited for modern deployment environments, including cloud platforms, containerized applications, and Linux systems.
- Changes to NLog configuration are taken over immediately and do not require a restart of the Alfabet component. If an issue occurs, the log level can be changed with no interruption of Alfabet for end users.
- At startup, the log file includes not only log messages but also environment details such as the host operating system and processor count, facilitating support in case of issues.

- Log files can be compressed to ZIP files for archiving.

An example configuration for activating the log options that were previously offered via the server alias configuration is delivered with the release. The log format in the example configuration matches the log message format in previous Alfabet releases. *Learn how to activate logging via NLog for Alfabet.*

Improvements

The following enhancements to the Alfabet platform are available with this release.

Streamlined user settings

The **User Settings** editor has been revamped to show only one **Update** button. Changes to the default user profile, current theme, and interface language are all saved and updated with a single click of the **Update** button, which automatically closes the editor.

Easier use of search

Better usability in global search. The global search field in the masthead has been improved to streamline the user experience. The search term a user enters for the global search is retained in the search field if the **Category** is changed.

Persistent search term and results in the navigation panel. The navigation panel's search field retains the search term and results even after the user selects an item, making it easier to revisit and explore additional results without reentering the search term. The search term can be removed by click the x button next to the search term.

New concept to trigger data quality rule calculation

Data quality rules are now only triggered for the attribute that is changed via inline edit in a data workbench or content area. This ensures that only relevant data quality rules are recalculated rather than all rules for an object, which enhances performance significantly. When the user opens a content area, the status of the data quality rule with the highest severity (Hint, Warning, Error) for the object is displayed in the breadcrumb next to the current object's name. A user can click the severity symbol in the breadcrumb to open the data quality rule pane that lists all issues, including when the data quality violation was first reported and the last time the rule was recalculated. A **Recalculate** button in the pane allows the user to recalculate all data quality rules for the object on demand. The data quality rule severity symbol is available on relevant content items and clicking it opens the data quality rule pane with relevant information about the data quality violation.

Explicit update of indicators

Users may now explicitly recalculate indicators. This new capability mitigates potential performance bottlenecks caused by the automatic recalculation of a high number of calculated indicators with complex calculation rules. The options to recalculate indicators are not available for read-only user profiles. Users can rescan indicators as follows:

- Click the new **Rescan All Indicators** option in the three-dots menu of a content area to recalculate all indicators available for the current object. The indicator recalculation button is available next to each indicator in an attribute group. The button has a tooltip showing the date and time when the indicator was calculated.
- Click the new **Rescan All Indicators in the Group** option in the three-dots menu of a content area to recalculate all indicators in an attribute group.

New refresh concept for content items

Users may now explicitly reload the data in a content item via the new **Refresh Content Item** option in the three-dots menu of the content item. This option ensures that a user can decide to explicitly refresh only the selected content item. This boosts performance and ensures that the user avoids wait times. The new **Refresh Content Item** capability is activated per default on content items.

Automatic reloading of all content items upon data changes can be re-implemented for content items by solution designers in the configuration of the content area or guided data view.

More tooltip support for end users

Tooltips have been extended to include the following:

- **Status and release status values** in drop-down lists. *The hint must be defined for the release status to show the icon.*
- **Filter fields in reports.** A hint specified for a filter field in a configured report will be displayed on the filter field caption.
- **Role types in content areas.** A description of the role type will be displayed for role types added to property groups in content areas. In addition, a placeholder text is shown if no role is defined yet.

New quadrant layout for portfolio chart visualization

A new quadrant layout has been added to the portfolio chart visualization available for data workbenches. Users can go to **Visualize** > **Portfolio Chart Settings** to specify the two new fields for the quadrant layout and the quadrant captions. *Learn more about how to specify the portfolio chart settings.*

New zoom capability in reports

A new functionality that lets users zoom in and out of reports provides a significant improvement in analyzing data in reports. A new **Zoom** button is available in the toolbar of the report or a content item with an embedded report for most report

types including matrix, Kanban, branching diagram, diagram view, cluster map, and node arc reports.

Structure columns in standard datasets

A new **Structure** button is available in the toolbar of many standard views (GraphicViews) showing a tabular dataset. Similar to the **Structure** button in data workbenches, users can add, remove, and sequence the columns in the view. Note that some columns as well as a few views are excluded because they cannot be changed for technical or methodological reasons.

Simpler user experience in selectors

Selectors now show radio button controls if the user can only select one object. Multi-select checkboxes are used if the user can select multiple objects. This addresses the issue in ticket ASD-7649.

Enhanced keyboard navigation

- Explorers support keyboard navigation and key combinations are aligned with the rest of the product. *Learn more about key combinations to navigate in the user interface.*
- Users who have tabbed to the last item in the navigation panel can return to the first item in the panel using the forward tab. Backward navigation is no longer necessary to return to the first item.
- Users can navigate through the context-sensitive help in the Help pane using left and right arrows to switch between accordions and up and down arrows to scroll the pane if the accordion text is longer than the screen.

Persistent filters on language changed

Filter settings in data workbenches are retained when the user changes the language displayed on the Alfabet user interface. Filter values are kept in the new language for the following:

- property with an enumeration definition
- property with a string range definition
- indicator value based on an indicator type with a range definition

Extensions to data-triggered actions

The **Edit** action in data workbenches and content areas is supported for data-triggered actions. If a relevant property is defined for a data-triggered action rule targeting an edit operation, the action will be triggered when the property is edited via inline editing. If no object class property is defined for a data-triggered action

rule targeting an edit operation, the action will be triggered when the editor is closed. *Learn more about data-triggered action rules.*

Improved generic operation configuration

The configuration options for generic operations have been enhanced.

- Configure confirmation messages for generic operations that add new and existing objects and detach objects from a parent object.
- The **Object-Based Operation Context** > **Enabled** attribute and the **Base Context Class** of generic operations are now evaluated independently of each other which has enabled the configuration of each attribute to be simplified.
  - If the **Object-Based Operation Context** > **Enabled** attribute is set to True, the button will be shown in the content area for the relevant object class.
  - If the **Base Context Class** attribute is specified, the button will be displayed in data workbenches only if they are embedded in the content area of the object class specified as the base context class.
- The REFSTR values of the objects currently selected in a data workbench or the current object of a class-based content area are passed to generic operations triggering an ADIF job or event.

Learn more about these new configuration options to specify generic operations.

Calculated reference array properties

The scope of calculated properties is extended to allow reference arrays to be returned as result of a calculated property. Calculated properties returning more than one object as a result must return a dedicated output via the calculation query. *Learn more about the query structure required for returning calculated reference arrays.*

Enhancement to class ALFA_MM_PROP_INFO

- The `ALFA_MM_PROP_INFO` table has been extended to also include information about calculated properties. The new Boolean property **Is Calculated Property** (`IS_CALC_PROP`) of the `ALFA_MM_PROP_INFO` object class stores the information whether the object class property is calculated.

Simplified data workbench configuration

The specification of a query to define a data workbench is optional in Alfabet 11.10. If no query is defined for the data workbench, the data workbench includes all objects of the object class or object class stereotype specified in the **Class / Stereotype Name** attribute. Queries can optionally be defined to limit the number of objects in the data workbench. For example, a query might be configured to

display only objects assigned to the parent object that the user is currently working with.

Learn more about this configuration change when creating data workbenches.

Increased character count for translated strings

The length restriction to import translated interface strings has been increased from a 600 characters per string to a maximum of 850 characters. This increase provides more flexibility to configure hints and explanations for users on customized interface elements.

Instruction to color release status values

A new Alfabet query instruction allows the coloring of release status values to be included in tabular configured reports:

`SetReleaseStatusStyle(`*`ColumnName`*`,`*`ClassName`*`)`

To define the instruction for an object class stereotype, the stereotype must be defined in the instruction after the class name separated with a colon: `ClassName:StereotypeName`.

Performance safeguard for large reports

A new option can be configured to reduce the maximum number of base objects to be processed for a data-workbench configured report. This ensures that reports with an excessively high number of base objects do not cause performance bottlenecks.

The new XML attribute `MaxNumOfBases` has been introduced for the XML object **`SolutionOptions`** to restrict the maximum number of base objects handed over to the report. When this attribute is set and a user opens the report with a higher number of base objects, a message is displayed to the user about the restriction. The default value of the new XML attribute is `-1`, which means that no restriction is applied.

Easier specification of generic API integration server variables

Variables used in the XML object **`GenericAPIIntegrationConfig`** can be defined directly in the user interface in the definition of the integration connection for the generic API integration. This provides more flexibility in who and how the variables are defined and is an alternative to defining them in the server alias configuration of the Alfabet Web Application. Note that the server variable definitions in the server alias configuration supersede definitions in the integration connection specification.

Learn more about the definition of these variables in the integration connection editor as part of the generic API integration interface.

Enhanced configuration example files

For Alfabet 11.10, the example configuration files required for the Alfabet Web Application and the Alfabet API server have been changed and re-structured to increase usability and introduce new technology.

The content of the **`alfasettings.json`** file has been changed:

- A change in Alfabet software architecture requires that in the `alfasettings.json` file, the `AlfabetWebConfig` section must be changed to:

```
"AlfabetWebConfig": {
   "presentationSessionManagerBuilder":
   "AlfaPresentationInterfaceImpl.Integrated.IntegratedPre
   sentationSessionManagerBuilder,
   AlfaPresentationInterfaceImpl",
   "expandManagerBuilder":
   "Alfabet.Services.Interfaces.ExpandConfigurator,
   AlfaMMProviderServiceInterfaceImpl"
}
```

- The NLog settings have been removed. A separate NLog configuration is required with a separate NLog configuration file.

The availability of log files has been changed:

- An **`Example`** folder is available not only in the **`AlfabetWebApplication`**, but also in the **`AlfabetAPIServer`** and the **`Programs`** folders.
- All example folders have sub-folders for on-premise installation, demo installations, cloud installations, and container installations. The folders contain all files required for the configuration including the NLog configuration files.
- Nlog must be configured directly in the working directory of an application. For the Alfabet Web Application and the Alfabet API server, the directory **`config`** is used to store configuration files. An `nlog.config` file with a re-direct to the Nlog configuration file in the **`config`** folder is available in the root directory of both web applications. This file is delivered with each release. Any customer changes to this file will be overwritten whenever a new patch release is updated.

Smoother processing of events

The log generation for processing of events led to issues and deadlocks in event execution. Logging has been corrected and event execution is improved.

Clean up of deprecated functionality

A number of changes were made to Alfabet Expand to remove obsolete settings.

- The private **`CreateVoiceEndpoint`** and **`FeedbackBot_Event`** events are removed from the standard configuration. They were used for the deprecated AlfaBot and FeedbackBot functionalities.
- The **Enable FAQ Bot** and **Enable Feedback Bot** attributes have been removed from the user profile attributes. They were used for the deprecated AlfaBot and FeedbackBot functionalities.
- The restriction that information flows could not be created if their start and end dates were misaligned with the start and end dates of the source and target applications has been removed. Any enforcement of the definition of information flow start and end dates should occur via the specification of data quality rules. An information flow's start and end dates will be automatically aligned with its applications per default when an information flow is created, but this can be modified as needed. Misaligned dates are still highlighted in the **Information Flow** view.
- The **Auto-Run** attribute of the private **`UpdateReportsPopularity`** ADIF scheme has been set to `False`. The ADIF scheme is no longer run automatically on each update of the meta-model. This information was used for the deprecated AlfaBot. The popularity of configured reports is calculated by the ADIF job based on the information stored via presentation usage tracking. The ADIF scheme will be kept in the database to provide customers a means to check usage of their configured reports.
- The private `Color` and `ForeColor` object class properties will be removed from the Alfabet meta-model because they are no longer used for coloring in the user interface. If values exist for these object class properties for an object class in a customer database, the object class properties are not removed from the object class but changed to public object class properties.
- The **Guide Page Designer** option has been removed from the selection in the **Alfabet Expand Access Options** in the user editor. Guide pages are no longer supported.

Clean up of the server alias editor

The following attributes for the configuration of deprecated functionality have been removed from the server alias editor.

In the **Server Settings** > **General** tab:

- **Control Client Aliases**

- **Enable MS Teams Outgoing Webhook without Authentication**
- **Send Web Message Direct**: Web messages are not available any longer as button interaction. The URL of an Alfabet view can be shared directly with other users.
- **Allow Edit Object Colors**: The button to change object colors in charts is no longer available. Coloring is managed via color themes.
- **Allow Usage of Run-Time Fonts**: This attribute managed the font setting of deprecated GUI schemes.

In the **Client Settings** > **Authentication** tab:

- The `SSO_Portal` and `SSO_CustomMethod` options have been removed from the drop-down list of the **Mode** field. Portal integration and custom methods are no longer supported.
- The **HTTP Server Variable for Portal Integration** and **Custom Method** attributes have been removed because they were exclusively used by the portal integration and custom method.

The following **Server Settings** sub-tabs have been removed because of the change to logging based on NLog:

- **Server Settings** > **Logging**.
- **Server Settings** > **Logging Details**.

Upgraded third-party components

The following embedded third-party components have been upgraded to a licensed version of the latest release:

- DevExtreme.AspNet.Core has been upgraded to version 24.2.7. Copyright © 2000 - 2025 Developer Express Inc., All Rights Reserved.
- DevExtreme.AspNet.Data has been upgraded to version 5.1.0. Copyright © 2000 - 2025 Developer Express Inc., All Rights Reserved.

For Apple® Safari® as browser used on client side, the minimum required browser version has changed with this component upgrade to 15.4 instead of 7.0.

Fixes

- Multiple persons can be selected when editing roles inline if the role type specification allows multiple persons to have the same role for an object.
- Saving of URLs has been changed to add a line break in front of the URL specification only if a title is defined. Issues occurred when line breaks were added to URLs without a title specification. This fix is a resolution for ticket ASD-7742.
- The navigation from an element in a data workbench visualization (for example, a pie slice) to a data workbench showing the relevant objects has been fixed:
  - If the user creates a data workbench visualization for the data displayed after drill-down, the filtering applied to the data table is maintained for the visualization. This fix is a resolution of ticket ASD-7822.
  - Drill-down showed results for business charts with authorized users as X-axis data. This fix is a resolution for ticket ASD-8211.
- Rendering issues in data workbench visualizations have been addressed:
  - Numbers in stacked bar chart data workbench visualizations show the correct numbers for all bars. This fix is a resolution for ticket ASD-8342.
  - The error which occurred when the data for the visualization contained empty date settings has been fixed.
- Issues have been resolved when searching for objects if more than 300 objects are available.
- If a search was executed in the **Structure Columns** pane of a data workbench and the search settings were redefined, the selection of the columns based on the old search criteria was removed. This issue has been resolved. If the search criteria is redefined, the selection is maintained and moved to the end of the list of selected columns.
- The rendering of the editor to change the release status has been resized to provide complete readability. This fix is a resolution for ticket ASD-8332.
- Hints are displayed when a user points to a value in the **Status** field in the user interface.
- The **Subordinate Features Gantt** (`FTR_FeaturesGantt`) shows the target completion date as a tooltip on elements. This fix is a resolution for ticket ASD-8557.

- Application landscape diagrams are no longer copied when an application is created as copy of an existing application.
- Slider control filter fields are cleared when the user clears filter settings via the **Clear All** option.
- References can be correctly set between objects if the user interface is rendered in a language other than English. This fix is a resolution for ticket ASD-8219.
- If the user interface is rendered in the dark theme, icons in reports are colored the same in the report and in the report legend. Black and white SVG icons will be shown with inverse colors while all other icons retain the coloring.
- The data quality rule severity symbols (Hint, Warning, Error) displayed in breadcrumbs are now persistent if they are clicked to open the data quality findings window. This fix is a resolution for ticket ASD-8238.
- The **Data Quality Rule** editor correctly renders the text in the editor and values in drop-down lists. This fix is a resolution for tickets ASD-8113 and ASD-8090.
- The query test functionality in the **Data Quality Rule** editor provides information about a false column name for complex queries. Execution of data quality rule queries with false column names are also logged with Nlog.
- Configured reports based on a native SQL query correctly show values with multiple lines in a cell if the query is defined accordingly. This fix is a resolution for ticket ASD-7623.
- Workflows migrated with workflow migration definition no longer trigger email notifications for withdrawn workflows. This fix is a resolution for ticket ASD-8374.
- All user context settings are completely cleared if the functionality to clear the user context settings is triggered.
- Standard generic operations to create information flows in the context of a different parent application/peripheral had the same caption. It was therefore not possible to identify the information flows when defining a data-triggered action rule. To solve this issue, the generic operations were re-named to include the parent object class name. Customers wanting to see the caption without the parent class name in the user interface can change the caption in the relevant class settings for information flows.
- The execution of scheduled jobs has been revised to avoid deadlocks and reduce the need of rescheduling. This fix is a resolution for ticket ASD-7489.

- The timeout specification in the server alias configuration valid for data quality rule calculation uses the ADIF timeout instead of the default timeout. This change reduces timeout issues caused by long calculations. In addition, data quality rules already existing in the database will not be deleted if a calculation fails. This fix is a resolution for ticket ASD-8091.
- Class settings and editors have been added for all monitor types, and the monitor classes and their class settings are visible in Alfabet Expand. The solution designer can create and edit monitors and data workbenches can be created for monitors. This fix is a resolution for ticket ASD-7225.
- If an ADIF job is executed asynchronously or synchronously from the command line and the -idletime setting is shorter than the execution time of the ADIF job, a warning instead of an error will be logged stating that the triggered job is either not started yet or not finished yet. This also applies to ADIF execution via RESTful service calls. This fix is a resolution for ticket ASD-8179.
- Import of data from Technopedia® failed because of an issue with the required specification of the Technopedia URL. The slash at the end of the URL specified in the XML object **`GenericAPIIntegrationConfig`** is no longer removed when establishing the connection.
- Text added to categorized visual items can be added to the XML object **`VocXML`** so that it is added to the vocabularies and can be translated. The translation will then be used if the user interface is rendered in the respective language.
- In Alfabet Expand, the specification of arguments for the search functionalities in user profile menu items has been re-implemented and is now identical to the functionality provided in Alfabet 10.
- In Alfabet Expand, two private class settings were available for the object class `UseCase`. One of these class settings has been removed. This fix is a resolution for ticket ASD-8070.
- In class settings, the sort order of property groups can be specified for the property group in general and for the property group in content areas. The definition of the sorting of the property group in content areas now correctly supersedes the configuration of the property group in general. The content area specification is used for the content area it is defined for while the sorting for the property group is used in all other content areas.
- The erroneous **Tags** attribute has been removed from user profile configuration objects. User profiles are added to AMM files as reference data and not as tagged solution objects. This fix is a resolution for ticket ASD-8294.

- In the editor to generate an AMM file for meta-model update, the values in the drop-down list to select reference data are in alphanumeric order.
- A new **Database** > **Reset Instance Count to the Maximum ALFA_INSTID** option has been added to the context menu of object classes. This option should only be used if the import of objects via ADIF or RESTful services (for example, on synchronization with a third-party component) fails, objects are not created, and an `ALFA_INSTID` value leads to gaps in the stored `ALFA_INSTID` values. The new option should only be used with extreme caution because it can lead to errors if the counter is reset while users delete the objects with the highest `ALFA_INSTID` values simultaneously via the user interface. This fix is a resolution for ticket ASD-6650.

Known Limitations

- Read-only conditions are not implemented yet for inline editing of object class properties. This will be available in a future release.
- Reports in configured report groups that have been added to the **Visualize** menu in data workbenches are not available if the data workbench is embedded in a content area. Users must drill down to the data workbench to access the reports.
- If only one object class property is added to a property group and the caption of the object class property is identical to the caption of the property group, only the caption of the property group is displayed. In this case, the hint of the object class property will not be displayed.
- A dark background is not available in the new Alfabet AI assistant, configured data table reports, and analytic dashboards. These will be displayed with dark text on light background even in user profiles base on dark mode.
- In Alfabet 11 releases, custom editors are rendered slightly different than in Alfabet 10 releases. To render group boxes, the **Refresh on Submit** attribute of a group box must be set to `False` if the editor fields in the group box are configured to refresh on submit. This setting will be automatically available for a preconfigured Alfabet solution to resolve the issue reported in the ticket ASD-8429.
- The new object class `ResourceRequest` and the new object class property `ResourceRequest` for the class `Skill Request` have been added to the class model to support current and ongoing enhancements to resource and project management. A new standard view **Work Breakdown Structure**`PRJ_WorkBreakdownStructure` has also been added. They should be ignored until the revision of the resource planning capabilities is complete.