Alfabet Release Notes 10.15.6 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

End User Issues

- Roles are correctly displayed and editable if a role has been assigned to a user as well as to an organization. This fix is a resolution for ticket ASD-6309.

- Indicator icons are correctly displayed in data workbenches even if the first icon in an icon group has no value assigned. This fix is a resolution for ticket ASD-6309.

- Issues with publications to Microsoft Word® files via the Alfabet publication framework have been resolved:

  - A timeout issue preventing publications has been solved. This fix is a resolution for ticket ASD-6508.

  - Images are no longer cut off at the bottom. This fix is a resolution for ticket ASD-6508.

Solution Configuration Issues

- A new private `AlfabetBizzDesign_Style` GUI scheme that includes the current Alfabet logos and URLs is available. Customers using the `SoftwareAG_103` GUI scheme should change to the new `AlfabetBizzDesign_Style` GUI scheme to make sure no broken URL and outdated logos are used on the Alfabet user interface.

- JSON arrays can be defined for the Generic OAS API integration interface. In the configured report to export JSON data to a third-party RESTful service, the complete array for the JSON field must be defined as text in the column returning the data for the JSON field. Variable values can be included between text elements:

```
'[ {"schemaNamespace": "default", "values": {"name":
"'+APPLICATION.NAME+'", "objectstate":
"'+ISNULL(OBJECTSTATE, '')+'"}}]' as 'objectData'
```

The column must have the data type `Text` for the data mapping in the resource bundle definition and the **Attribute** definition of the ADIF export scheme.

For JSON array import from a third-party RESTful service, payload of type array nested inside objects can be mapped in the integration resource bundle assistant in a field of type `Text`. The entire array content is then available in this column and

respective object data can be consumed as JSON data at the time of ADIF execution and processing.

Known Limitations

- Broadcast messages written in HTML have linebreaks after links.

Alfabet Release Notes 10.15.5 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

End User Issues

- An error message was displayed in the **Structure Data** editor when holding the left mouse button over a row in a data workbench. The issue has been addressed and the error message will not be displayed.

- It was not possible to edit an application by navigating to it from the **Organizational Responsibilities** view. This has been resolved.

- The **Fit to Window** function did not work in an application diagram if the diagram was extremely large. This has been fixed.

- Errors occurred in the generation of emails for an initial workflow step as well as triggered workflows if different ADIF schemes were configured for relevant workflow step actions. This issue has been fixed.

- An error occurred stating that a key was not found in the dictionary when the **Providing Person** field was specified for a skill request based on a skill offer and the skill request was assigned to a project. This issue has been resolved.

- If an application was added to the **As-Is Architecture Diagram** for a project scenario, the **As-Is Architecture Diagram** of the parent project was overwritten and showed the application. This issue has been fixed and the application will only be displayed in the **As-Is Architecture Diagram** of the project scenario that it was added to.

- The ID prefix of the parent project was not copied to the project scenario. This has been fixed.

- An issue was fixed in the visualization of the first tab of a guide view if visibility conditions were configured.

- If filters were set based on Name in the **Authorized User Groups** view and new user groups were added to the dataset, the dataset did not show the new user groups after the filters were cleared. This has been corrected.

- If the interface was rendered in any other language than the primary language, filter settings for checked combo-box filters were not stored in the user context settings and not applied when the browser page was reloaded. This issue has been resolved.

- Information about the Technopedia® ID has been added to all selectors used to import objects from Technopedia.

- Time series periods were displayed in the indicator editor in the **Time Series Evaluation** view even though the time series periods were assigned to a time series group that was not configured to be displayed.

- The translation of the string specified in the **Message for Started Workflow** attribute of a workflow template was ignored when the workflow was started. This has been corrected.

- The workflow step delegation editor has been changed to show the Tech Name of the user instead of the User Name. In addition, user information can no longer be copied to the clipboard.

- If the language settings were configured to use a comma instead of a dot as decimal separator in numbers, the numbers were not correctly processed for visualizations in data workbenches. The same applied to ranges defined for indicators where the numbers were separated with a hyphen. This issue has been resolved.

- Arcs between nodes were only partially displayed in node arc diagrams after changing the layout. This issue has been resolved.

- In the **Responsibilities** page view for objects, the user information deviated from user information in other views. This has been corrected.

- In configured editable class view reports, the **Edit** button displayed an error when used for indicator type entries in the table of the report. This issue has been resolved.

- In configured reports with a configured set of columns frozen during scrolling, the **Configure** button was not working correctly if the number of columns selected to be displayed was less or equal to the number of frozen columns in the report. This issue has been resolved.

- Data quality rules can be created for object classes that do not represent an artifact in the IT landscape including, for example, the object classes Skill, Operation, Person, or Interface System.

- A new option to filter for forcefully terminated jobs has been added to the drop-down list of the **Job Schedule Event Status** filter of the **Job Schedule** functionality.

- If a deadlock occurs during execution of ADIF jobs scheduled via the **Job Schedule** functionality, scheduling of the next execution of affected jobs sometimes fails. A **Show Locked Jobs** button has been added to the **Job**

Schedule view to check whether schedules are interrupted. All interrupted job schedules can be resumed using the new **Reschedule Locked Jobs** button.

- The export functionality for analytic dashboards did not work correctly in some cases. This issue has been resolved.

Solution Configuration Issues

- A new object class property `TechnicalName` has been added to the object classes `DataQualityRule` and `DataQualityRuleGroup`. On migration to Alfabet 10.15.5, a technical name is added for all existing data quality rules. The resulting technical names are a concatenation of the name of the data quality rule (group) and a unique ID. This solves issues caused by multiple data quality rules with identical names during update of the data quality rule configuration in an Alfabet database via AMM file.

- More object classes, including the `ValueStreamStep` object class, are selectable for the definition of relationships in configured reports based on the templates `Relationships_TableReport` and `Relationships_EditableTableReport`.

- Events starting an ADIF job did not change the status from `Executing` to `Finished` after execution of the ADIF job. This issue has been resolved.

- Event templates which were stored to an XML file could not be merged to the event template configuration of another database using the **Merge from File** functionality of the **Events** node in the **Reusable Elements** explorer of Alfabet Expand. This issue has been resolved.

- The JSON serialization of RESTful service call event templates returned `{}` instead of `NULL` for `NULL` values. This issue has been resolved.

- The **Property Details** field in the specification of reference properties in data workbenches has been fixed to show all relevant classes.

- The new XML attribute `MaxLayoutCalculationDuration` has been added to the XML object **SolutionOptions**. The default value is 30 seconds. If rendering of a view requires more than the set layout calculation duration, rendering of the report is cancelled and the user is informed that the view cannot be rendered. The user is also informed that the problem can be fixed by reducing the number of objects to be displayed if filters are available. The maximum layout calculation is not applied to publications.

- The **User Data** attribute was removed from ADIF import entries and ADIF export entries because it had no influence on ADIF execution.

- The **Meta-Model** > **Compare Configuration** menu functionality of Alfabet Expand failed if the current database was selected as one of the configurations to be compared. This issue has been resolved.

System Administration Issues

- A new **Publication Timeout** attribute has been added to the **Overview** tab of the server alias. The timeout ensures that publications with long publication times do not block the user interface. Publications are cancelled after the timeout value is reached (default = 60 seconds).

- Email sent by the Alfabet Web Application to internal users for workflows or assignments, for example, can contain links to the Alfabet user interface. The evaluation of the user profile for opening the link has changed. The user receiving the message must be able to access the object via the user profile of the sender. Otherwise, an error message is displayed. The user profile specified in the settings of a workflow in the **Executing User Profile** attribute is used to open the user interface in emails sent out in the context of the workflow. The **Use Recipient's Profile for Express Views** attribute is no longer valid for work messages.

- Update of the meta-model failed if the database had configuration issues concerning attributes with very long text which could not be included in the Microsoft® Excel® log output file. This issue has been resolved.

- An error occurred when using the `FOR JSON` statement in native SQL queries. To solve this issue, the embedded third-party component gudusoft.gsqlparser has been upgraded to the latest version 3.3.0.4, © 2025, Microsoft Corporation.

- The **Review Report** functionality of configured reports failed if the name of the configured report consisted only of numbers. This issue has been resolved.

- On import of new objects to the Alfabet database via the Alfabet RESTful services, imported objects of a defined stereotype were created with the ID prefix of the object class instead of the ID prefix of the object class stereotype. This issue has been resolved.

- Error messages returned by the Alfabet RESTful services were different for fetching a RESTful service token with incorrect user name or with incorrect user password. This has been changed for security reasons. An identical error message stating that the login data is incorrect is sent back if either the user name or user password is incorrect.

Resolved Empower and AHA Issues

- SI-552860

- SI-553914

- SI-562733

- SI-564347

- SI-565248

- SI-565351

- SI-566693

- SI-566713

- SI-569438

- SI-571442

- SI-571532

- SI-571632

- SI-571999

- SI-572502

- SI-573330

- SI-576362

Known Limitations

- SQL query output embedded in HTML elements in wizard headers cannot be colored via CSS due to security considerations. It is recommended to show dynamic content on a wizard page instead of a wizard header to make use of the coloring options of configured report configuration.

Alfabet Release Notes 10.15.4 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

End User Issues

- It was not possible for a user with the user profile **Viewer** to change filter settings in the **Additional Diagrams** view for an application group. This issue has been fixed.

- It was not possible to find a contract item based on its ID in the **Contract Item** selector. This issue has been fixed.

- Role information disappeared in data workbenches when navigating back to a data workbench or editing other properties in a data workbench. These issues have been fixed.

- An error occurred when importing contract items via data capture templates if the user interface was rendered in the Portuguese language. This issue has been corrected.

- Rows in a data workbench were duplicated if column filters were set and then sorted. This issue has been resolved.

- Existing diagrams were not displayed in the user interface. This issue has been corrected.

- Offline executed reports could not be opened after execution. This issue has been resolved.

- The response to a request for a forgotten password was different for request with a wrong user name, request with a correct user name, and request when the user account was locked. For security reasons, the message displayed to the user after a request to reset a forgotten password was always the same independent of the availability of the user name or user account.

- In the **Job Schedule** functionality, shifting the execution time for all jobs can take a long time if many jobs are scheduled. Therefore, an option **Async Shift Execution Time for All Jobs** to execute the shift asynchronously has been added to the **Action** button.

- If the integration interface with Microsoft Project® was used, import of projects from an MPP file failed if the MPP file exceeded a given size limit. This issue has been resolved.

Solution Configuration Issues

- The content voting capability that allows users to rate and like objects has been extended to include the class Risk. The class Risk can be specified in the XML attribute `ApplicableClasses` in the XML object `ObjectAssociationsConfig`

- Integration with the following third-party solutions is no longer supported: CentraSite, WebMethods API Portal, and Skype for Business Server.

- The text shown in workflow diagrams did not display correctly when rendered in Alfabet Expand Web. This issue has been corrected.

- An error occurred when attempting to create a configured report view for Kanban reports. This issue has been resolved.

- If an update of the meta-model from an AMM file was performed with Alfabet Expand Web and the **Include Configuration Name and Version** checkbox was selected, the configuration name and version was not taken over from the AMM file. This issue has been resolved.

- When guide pages were added to an AMM file, vocabularies were also added to the AMM file even if translations were not selected for upload to the AMM file. On update of the meta-model with the AMM file, the translations in the target database were changed. This issue has been resolved. Translations are only included in the meta-model update if the checkmark for including translations is set in the AMM file creation editor.

- On update of the meta-model with an AMM file including translations, the strings for guide page translation were not correctly taken over in the vocabularies of the target database. This issue has been resolved.

- In Alfabet Expand Web, the strings for different languages were mixed up after export of vocabularies to Microsoft Excel® via the designer. This issue has been resolved.

- The execution of an ADIF job triggered by a button in a configured report failed if the configured report was designed to open for a base object and the ADIF job was executed for a base object. The issue with handing over the base object information has been resolved.

System Administration Issues

- The `AlfabetAdministratorConsole.exe` command line tool can be used to generate a server alias based on one of the following templates: `System`, `ServerFastlane`, or `ServerEnterprise` to create a server alias or `Remote` to create a remote alias. The command line for creating the server alias from a template is:

```
AlfaAdministratorConsole.exe -create_msalias -msalias
<NameofServerAliasToBeCreated> -alias_template
<NameofServerAliasTemplate>
```

`AlfabetAdministratorConsole.exe` can also be used to alter attributes of the server alias configuration. The command line for altering attributes is:

```
AlfaAdministratorConsole.exe -msalias
<NameOfExistingServerAliasToBeChanged> -
edit_msalias_options <ParameterForSettingAttribute>
"ValueToBeSetforAttribute"
```

The following command line parameters can be set as *ParameterForSettingAttribute*:

- `-set_ServerName` to alter **Overview** > **Name**.

- `-set_ServerPort` to alter **Overview** > **Port**.

- `-set_WebServer` to alter **Overview** > **Web server**.

- `-set_HelpServer`to alter **Overview** > **Help Server**.

- `set_RestServer` to alter **Overview** > **REST API Server**.

- `-set_TestWebServer` to alter **Expand** > **Test Web Server**.

- `-set_LicenseKey` to alter the content of the **License** tab.

- The following lines of code are now commented out in the examples in the web.config file to ensure that the caching behavior of the Alfabet Web Application is identical to the overall settings selected for the Web server by default:

```
<add name="Cache-Control" value="no-cache, no-store, must-
revalidate, pre-check=0, post-check=0, max-age=0, s-
maxage=0"/>

<add name="Pragma" value="no-cache"/>

<add name="Expires" value="-1"/>
```

- A link to the application is displayed when a session timeout occurs. This link can be excluded from the screen displayed after session timeout and substituted with a message informing the user that they should return to the login page and re-login to Alfabet. To change the session timeout screen from the default link to a simple message without a link, the following needs to be added to the alfabet.config file as child element of the `<alfaSection>` XML element:

```
<add key="show_back_to_app_link_on_logout" value="false"/>
```

- The Service Provider Certificate for Alfabet was missing in the `exportmetadata` method for SAML setup. This issue has been resolved.

- The following security enhancements have been implemented:

  - Sandboxing is used to ensure that HTML code including external links to external images entered in the HTML fields on the Alfabet web application is executed in a separate environment without access to the overall application.

  - Broadcast messages are checked for code elements and code is not executed if included in broadcast messages.

  - The JavaScript function `Math.Random` is not regarded as secure any longer and has been removed from mechanisms to create random numbers.

  - Access to documents downloaded from the Alfabet user interface has been restricted to the user session when the download was performed. Downloaded documents are no longer stored directly in the runtime/tmp directory, but in a subdirectory runtime/tmp/Download with protected access. To protect temporary content from access outside of the current user session, the following handler has been added under `<system.webserver><handlers>` to the example web.config files delivered with the Alfabet 10.15.4 release:

    ```
    <add name="AlfaRuntime"
    type="AlfabetWeb5.Controllers.RuntimeHandler" verb="*"
    path="runtime/tmp/*.*" resourceType="File"
    preCondition="integratedMode"/>
    ```

Resolved Empower and AHA Issues

- SI-518441

- SI-519495

- SI-522532

- SI-534692

- SI-548267

- SI-549425

- SI-550892

- SI-557012

- SI-557309

- SI-557346

Known Limitations

- It is not possible to access guide pages via express links in a SAML environment.

- Some error messages from the web server include the server address. This is a limitation of the ASP.NET web server technology used in Alfabet 10.x versions. The technology has changed for the Alfabet 11.x versions and customers with security guidelines to omit the server address in error messages are recommended to migrate to Alfabet 11 to solve the problem.

- Number formats cannot be customized for configured Pivot grid reports.

- In configured reports based on the `EditableClassViewReport` template, the bulk edit functionality will not work if the underlying custom selector is based on a customer-defined query referring to the base object with the Alfabet parameter `BASE`. In bulk edit, multiple objects are changed and a single base object is not available to execute the query correctly.

- If a user opens a configured report based on the `QuestionnaireEvaluationReport` template that is embedded in a wizard, a column **Target in Question Dependency** is displayed in addition to the columns defined by the customer in the configured report attributes. The **Target in Question Dependency** column cannot be changed or excluded from the report. The column is not added if the configured report is opened outside of the wizard context.

- The log file generated for the meta-model update via an AMM file when upgrading to Alfabet 10.15.4 includes error messages about object profiles for object classes that had been removed from the meta-model between. This is due to the stepwise processing of the meta-model changes. These error messages can be ignored.

Documentation Changes

- In the PortfolioManagementAdvanced.pdf, the section **Prerequisite: Configuration Requirements for Cost Management** erroneously stated that the XML object `CustomUnitDef` needed to be configured for costs. This has been changed and the documentation correctly states that the XML object `CostManagerDef` must be configured.

- The following documents have been republished for Alfabet release 10.15.4:

  - PortfolioManagementAdvanced.pdf

  - Integration.pdf

- SystemAdmininstration.pdf

Alfabet Release Notes 10.15.3 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

End User Issues

- The **My Tasks & Time Reporting** (`PERS_Tasks`) page view has been enhanced and multiple tasks can be edited simultaneously for a calendar month in a new editor. Users can report the work hours of the selected tasks and see the total hours worked, and conflicts in the workload of the tasks are immediately visible. Blocked-out calendar days are also displayed to ensure accurate planning.

- The **Notify Authorized User** button was missing in the object profiles of business services and business service processes. This issue has been resolved.

- If a user administrator detaches a user profile in the Alfabet user interface from a user that is currently working with Alfabet, the user will be logged out immediately from the current session and must log in again to continue working with Alfabet. This is a security measure that ensures that users will immediately lose the ability to work as an administrator when administrative user profiles are detached for them.

- If a user administrator or a user changes the user password in the Alfabet user interface, the user session will be terminated for security reasons and the user must log in again.

- When the **Delete Subordinate Hierarchy** button was clicked on the **Subordinate Value Nodes** page view, a subordinate value node was deleted from all value nodes it was assigned to rather than only the selected parent value node. This issue has been resolved and the **Delete Subordinate Hierarchy** action will only remove the value node from the selected parent node.

- If a user points to a cell in a tabular report, the color of the cell changes. This color did not revert back to the original color when the user was no longer pointing to the cell. This issue has been resolved.

- Objects were added twice if multiple objects were added to a configured affected architecture report and a subset of the selected objects were already available in the report. This issue has been resolved and existing objects will not be duplicated.

- The **Start New Workflow** button was displayed in the **Workflow Explorer** functionality even though the user did not have permissions to start a workflow.

This has been addressed and the button will only be displayed if the current user can start a workflow.

- The **Configure** editor for a tabular page view has been enhanced to reduce scrolling if column names are very long. The columns now have fixed widths and long texts are shown in full length on mouse over.

- In the **Job Schedule** functionality, the **Action** > **Shift Execution Time for All Jobs** functionality could not be executed with a negative number. Therefore, it was not possible to shift job execution to a time prior to the current execution time. This issue has been resolved. The fix requires the use of a connection pool for event execution. The required configuration is described under *System Administration Issues*.

- The execution of job schedules based on the **Workflow Job Schedule** stereotype failed if the job schedule was configured to execute a job for multiple workflows. This issue has been resolved.

- The test mechanism in the editor for Alfabet database connections in the **Integration Solutions Configuration** functionality reported an authentication-related error for connections that were correctly set up and working. This issue has been resolved.

- The ID and the name of a notification monitor was added to the subject header of notification emails. This has been changed and only the name of the notification monitor is added to the subject line.

Solution Configuration Issues

- An option has been added to skip the execution of scheduled jobs during configured maintenance windows. A new XML attribute `Action` is available in the XML object `MaintenanceWindow`. If set to `Skip`, the execution of jobs that are due is skipped during the maintenance window and the log file provides information about why the execution was skipped. If the XML attribute `Action` is not set or set to `Reschedule`, the behavior is the same as in previous releases and the execution will be re-scheduled to immediately after end of the maintenance window.

- The definition of right rules has been enhanced:

  - In addition to the existing `Master` permission that grants full access, it is possible to explicitly provide individual `Edit` and `Delete` permissions.

  - For ReadOnly access permissions, either `Read` permissions or `NoAccess` permissions can be granted. With `Read` access permissions, the user has read-only access to all pages in the object profile. With `NoAccess` access

permissions, only attributes are displayed in the object profile. The content in object cockpits is always accessible with read-only permissions.

- If two permission rules simultaneously grant different access permissions to the same object, both permission rules will apply.

- Multiple access permissions can be combined and specified within one rule as a comma-separated list.

- It was not possible to create a relationship table report for the object class **Value Stream Step**. This issue has been resolved.

- The class keys added to the object classes `ProjectArch` and `DemandArch` with Alfabet release 10.15.0 were private class keys. This has been changed and the class keys are now protected class keys that can be changed by customers if required.

- If the primary language was not set to English (United States), translations of workflow and workflow step captions were not processed correctly, resulting in workflow steps and workflows being displayed in the wrong language in the user interface. This issue has been resolved.

- If the **Parameters Backwards Compatibility Mode** attribute of an ADIF scheme is set to `False`, the **Arguments Table Name** attribute (only used in backwards compatibility mode) will no longer be available in the ADIF scheme. This prevents the generation of empty arguments tables during the execution of the ADIF scheme that was caused by the default setting of this attribute.

- It was not possible to add resource bundles to AMM files via the mechanism to individually select meta-model objects for deployment in both Alfabet Expand Web and Alfabet Expand Windows. This issue has been resolved and the resource bundles can be selected and added to the resulting AMM file.

- A new object class property **Responsible User** (`ResponsibleUser`) has been added to the object class **Business Service** (`BusinessService`). This allows the missing **Notify Authorized User** button to be displayed in the object profiles of business services and business service processes.

- Long texts for tokens can be stored for generic API integration database connections. The **Property Type** attribute of the **OAuth 2 Token** (`OAuth2Token`) and **OAuth2 Refresh Token** (`OAuth2RefreshToken`) object class properties of the object class **Generic API Integration Database Connection** (`GAI_DBConnection`) has been changed to `Text`.

System Administration Issues

- In rare cases, user passwords were written to log files in readable (non-encrypted) text. This issue has been resolved. User passwords are replaced with asterisks (***) in log files independent of the log level.

- In rare cases, server variable values were written to log files for the Alfabet RESTful service endpoints `varlist` and `varupdate` in readable (non-encrypted) text. This issue has been resolved.

- The Alfabet Server can be configured to use a connection pool to connect to the Alfabet database. This ensures that the connection is seamlessly re-established after it has been interrupted if, for example, a deadlock occurs. Event execution is not interrupted. The configuration is not available via the server alias editor and a direct change in the XML code of the alfabetms.xml file is required. To enable use of a connection pool, add the XML attribute `UseConnectionPool="true"` to the XML element `AlfaMSAlias`.

- The server alias setting of the **Server Settings** > **Tracking** > **Archive/Restore Presentation Usage Tracking** checkbox was not evaluated when a database was archived to or restored from an ADBZ file. This issue has been resolved.

- In the server alias editor, a new **Show in UI** checkbox has been added to the editor available in the **Variables** tab. If the checkbox is selected, server variable names can be resolved to server variable values in plain text via the Alfabet query language instruction `ReplaceServerVariable`. If the checkbox is not selected, a warning will be added to the report instead of the plain text variable value. The checkbox is cleared by default and for all existing server variables. If the `ReplaceServerVariable` instruction is used in any report, the checkbox must be selected for the server variables used in the instruction after migration to Alfabet 10.15.3.

- The option to send emails via the Alfabet Server has been added as the default option to the **Check SMTP** functionality of the connected server aliases in the Alfabet Administrator. The sending of emails can be checked on the server alias of the Alfabet Web Application. The Alfabet Server must be running. The result window provides information about the successful scheduling of the job in the email event queue. If sending the email fails, problems can be evaluated in the log capabilities of the Alfabet components.

- The ARIS - Alfabet Interoperability Interface interface used the return address from ARIS to generate the URL to fetch object details. As this led to connection problems, the URL defined in Alfabet for calls to ARIS is now used as the base URL to fetch object data.

- The session token exchange between ARIS and Alfabet has been changed. It is no longer only cookie-based but is also available via the header of the call to enable routing via a proxy with intermediate security protocols that disable cookies.

Resolved Empower and AHA Issues

- SI-464418

- SI-468761

- SI-505982

- SI-507632

- SI-508821

- SI-511971

- SI-513471

- SI-516116

- SI-517148

- SI-518060

- SI-5456128

- CSOALF-2707

- CSOALF-2708

Known Limitations

- In report collections, only the master report shows a toolbar. Subordinate reports accessible via the tabs in the report's header are only a visualization of the data. Users wanting to edit the data must go back to the master report and use the toolbar available there.

- Currently selected nodes are not highlighted in the explorer of the **Browse** tab of object selectors after a user sets a filter to search for objects.

Migration Issues

- In the server alias editor, a new **Show in UI** checkbox has been added to the editor available in the **Variables** tab. If the checkbox is selected, server variable names can be resolved to server variable values in plain text via the Alfabet query language instruction `ReplaceServerVariable`. If the checkbox is not selected, a warning will be added to the report instead of the plain text variable value. The checkbox is cleared by default and for all existing server variables. If the `ReplaceServerVariable` instruction is used in any report, the checkbox

must be selected for the server variables used in the instruction after migration to Alfabet 10.15.3.

Documentation Changes

- The names of command line parameters for archiving the Alfabet database with the command line tool AlfaAdministratorConsole.exe have been corrected in the reference manual *System Administration*.

- Missing information about the definition of job schedules to start workflows, send monitor emails, and create assignments has been added to the reference manual *User and Solution Administration*. The required configuration to activate the job schedule functionalities for a workflow template have been added to the reference manual *Configuring Alfabet with Alfabet Expand*.

- The missing information about encryption of server variables via the Alfabet RESTful services has been added to the reference manual *Alfabet RESTful API*.

- The English online help for Alfabet Expand has been re-published to add new content and to correct the following issues:

  - The context-sensitive help for the root node of the **Workflow** tab was not available.

  - The documentation to configure Gantt chart reports was missing.

Alfabet Release Notes 10.15.2 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

Enhancements to Alfabet 10.15.2

The following enhancements have been made in Alfabet 10.15.2:

- Multiple values are displayed in the columns in data workbenches. If more than one value is defined for the cell, a value will be displayed followed by the number of values not displayed in the cell. The **Application Architect** column, for example, might display **Customer** + 3 to indicate that the user **John Customer** and 3 other users have been assigned the **Application Architect** role for the object. A tooltip will show a list of all values available for the cell. Please note that inline editing and column filtering is not supported in columns with multiple values.

- Users can be alerted per email that they have data quality rule violations that need to be addressed. Users with access to the **Data Quality Rule Configuration** functionality can configure that emails are sent at regular intervals to either authorized users or users with specified roles listing all of their pending data quality rule violations. The email provides links that open the locations in Alfabet where the issues can be resolved. The following has been added to support this capability:

  - Email notifications can be specified for a data quality rule in the new **Notifications** tab in the **Data Quality Rule** editor. The **Send Emails** field must be set to `True` to activate the email capability for the data quality rule.

  - A new **My Data Quality Issues** (`USER_NotifiedDataQualityFindings`) functionality can be added to the user interface for a user profile. The view lists all current data quality violations that can be resolved by the current user.

  - A new private ADIF scheme `NotifyDataQualityRuleViolations` has been added to Alfabet Expand to generate the emails. A job schedule can be defined for the ADIF scheme.

  - A new text template `DataQualityRuleNotification` has been added to Alfabet Expand with the text included in the email notification. The text can be revised as needed.

- The **Approval Comment** property for the class **Questionnaire Evaluation** has been changed to a property of type `Text` to allow for longer comments to be captured.

- The class **Principle** has been added to the **Class Configuration** functionality so that reference and evaluation data can be configured for principles and IT policies.

End User Issues

- A new object created in the data workbench via the **New** button will be in focus and the row automatically selected when the editor is closed.

- The default view configured for a data workbench was only displayed to a user after the **Switch to Default** button was executed. This has been changed so that the configured default view will automatically be displayed when the user first opens the data workbench.

- Some names of referenced objects were not displayed in the data workbench if the object class that the object was based on referenced multiple classes in the **Class Info** attribute.

- If a user tried to delete an object that they did not have permissions to delete, an error message explained that the user did not have permissions to delete the object. If the user attempted to delete the object again, an erroneous message "Action disabled" was displayed. This issue has been fixed. The user interface will be refreshed after the first deletion attempt and correctly display the message "You do not have permission to delete this object" if deletion is attempted again.

- An error occurred validating financial data for projects if the data included a leading or trailing 0 (zero).

- It was not possible to delete a subordinate strategic initiative or delete an objective from a strategic initiative. This issue has been fixed.

- The configuration of reference and evaluation data for object class stereotypes was not applied to data workbenches. This issue has been corrected.

- An error occurred to the update of business data attributes when updating via a data capture template.

- Text files (.txt) uploaded to the **Internal Document Selector** were blank when downloaded and encrypted when displaying them via the **View** button. This issue has been fixed.

- The error message displayed when a protected document could not be uploaded to the **Internal Document Selector** has been enhanced to explain that the upload failed because the document was encrypted. Please note that encryption might be caused by Microsoft Information Protection and users should check the sensitivity label of the document. Only documents with the sensitivity label "Public" can be uploaded.

- An invalid URL error occurred when navigating to the **Business Processes Explorer** if there were business process versions.

- Evaluation types in the **Time Series Evaluation** view were sometimes not visible for the user profile defined access permissions in the **User Profiles** tab of the **Evaluations** editor. This error occurred if the user was logged in with a user profile that did not have permissions to the evaluation types and changed to the user profile with access permissions defined. This has been corrected.

- The import of roles via data capture templates resulted in duplicate roles being imported if multiple persons or multiple organizations were permitted for the role. This has been addressed and the validation process will check for duplicate roles upon import.

- An error occurred when trying to export an analytics dashboard as a PDF file. This has been corrected.

- If a publication report was generated for a single object only (for example, if triggered for an object via the object profile), all publications were listed that were generated for any object of the same object class. This has been changed and the view now lists only publications for the current object. Publications generated before migration to Alfabet 10.15.2 continue to show up for every instance of the same class. These older publications will now be shown with a grey colored icon in the **Show as icons** view and are marked as Legacy in the **Show as List** view. New publications generated in Alfabet 10.15.2 are distinguished with a blue icon.

- The message displayed in the header of the report view that tells users that they need to trigger offline report execution has been improved.

- The message "No objects have been found" displayed in a custom wizard was not translated. This has been corrected.

- The **Parameters** attribute in the editor of job schedules for notification monitor execution was ignored. This issue has been resolved. If the attribute is set to the name of a notification monitor or a list of monitor names separated by semi-colons (;), the execution will be limited to the specified monitors. Otherwise all existing monitors will be executed.

Solution Configuration Issues

- The maximum size of the standard private object class property `TP_ID` of the object classes `ComponentCategory`, `ICTObject`, `ICTObjectCategory`, `VendorProduct`, and `VendorProductCategory` has been increased from 32 to 38 because Technopedia increased the ID length.

- The default data workbench view can be exported to the AMM file as reference data.

- It was not possible to include conditions when creating the AMM file to save a custom configuration of the meta-model in Alfabet Expand Web. This issue has been fixed.

- In the **Utilities** designer of Alfabet Expand Web, the validation of case-sensitivity for the meta-model update is activated in a new sub-menu of the **Update Meta-Model Configuration** option. It is no longer specified in the **Meta-Model Configuration** sub-menu.

Furthermore, the meta-model update can be performed with or without the check for compatibility of the configuration language in the AMM file configuration and the target database. If the configuration language check is de-activated, no check will be performed to validate that the content of the AMM file was configured with the same configuration culture as the target database. This can lead to translation issues in the target database. If culture settings are included in the AMM file, the **Primary Culture** setting will be taken over in the target database but the **Configuration Culture** setting will not be changed.

- If a file larger than 4 MB was stored in the **Internal Document Selector** and the Alfabet database was archived, the archived database might have been corrupt. This issue has been resolved.

- If the Alfabet database was hosted on an Oracle® database server, execution of the standard ADIF jobs **SemanticSearch** and **UpdateReportsPopularity** failed. This issue has been resolved.

- The maximum allowed value of a parameter handed over to an ADIF scheme during execution was 1024 due to the overall size restriction of Oracle® database servers. To enhance usability for Alfabet databases hosted on Microsoft SQL Server®, the handling of parameter values handed over to ADIF has been adapted to the database server used. While the maximum allowed size is still 1024 for Oracle® database servers, it has been changed to 4000 for Microsoft SQL Server®.

- In Alfabet Expand Web, the attributes for workflow entries in ADIF schemes were not displayed. This issue has been resolved.

- The handling of the method language was changed in ARIS. This change requires the method language to be defined for API calls to ARIS in the scope of the ARIS - Alfabet Interoperability Interface interface. A new XML attribute `methodlanguage` has been added to the XML element `ArisApiConnection` in the XML object `ArisApiconfig`. This XML attribute is mandatory and needs to define a single method language in ISO 639 language code (for example en-US).

- Authentication via API key is supported for both the generic API integration interface and generic REST interface. The configuration is specified in the XML element `Authentication` available in the XML objects `GenericApiIntegration` and `GenericRESTConfig` with the following syntax:

```
<Authentication Name="NameOfConfiguration" Type="APIKey">
    <APIKey Key="KeyName" Value="KeyValue">
</Authentication>
```

System Administration Issues

- Database user credentials were ignored for archive and restore actions when executed in the AlfaAdministratorConsole.exe. This security issue has been fixed and user credentials will be checked when executing these commands in the AlfaAdministratorConsole.exe.

- A check has been implemented that ensures that a message is written to the system log if AlfaAdministratorConsole.exe is started with the option `–rebuild_indices` and the parameter `–table_names` is set to non-existing database tables. Messages are exclusively written to the system log and not to the log files additionally generated for execution of AlfaAdministratorConsole.exe.

- AMM files generated with the command line tool AlfaAdministratorConsole.exe included private configuration objects from the standard configuration. This issue has been resolved and only configuration objects in the customer configuration will be included in the AMM file.

- A new **Ignore configuration culture validation** checkbox has been added to the window that opens when the **Update Meta-Model** option is executed via the context menu of a server alias in the tool Alfabet Administrator. If the **Ignore configuration culture validation** checkbox is selected, no check will be performed to validate that the content of the AMM file was configured with the same configuration culture as the target database. This can lead to translation issues in the target database.

If culture settings are included in the AMM file, the **Primary Culture** setting will be taken over in the target database but the **Configuration Culture** setting will not be changed.

- The log information about execution of notification monitors either via the **Job Scheduler** functionality or via the batch tool AlfaBatchExecutor.exe has been enhanced to include the ID of the notification monitor.

- The generation of publications failed if Windows sign-on was used for user authentication and user profiles were allocated to the user using external source synchronization with an LDAP server for actualization and authorization. This issue has been resolved.

Resolved Empower and AHA Issues

- SI-480825

- SI-494135

- SI-497451

- SI-499432

- SI-499846

- SI-500399

- SI-500931

- SI-501425

- SI-501738

- SI-502660

- SI-503139

- SI-506598

- SI-506661

- SI-506770

- AHA PROD-I-84

- AHA PROD-I-92

- Empower 5451793

Known Limitations

- The **Technopedia ID** (TP_ID) property is a technical property and must not be used otherwise. It may not be used to map non-standard Technopedia properties to the Alfabet class model. Although the TP_ID property is of the the

type `String`, only integers are allowed as values for the property. The `TP_ID` property is available for the classes Component Category, ICT Object, ICT Object Category, Vendor, Vendor Product, and Vendor Product Category.

- Log entries for the Alfabet Administrator may include warnings about an expired license for the embedded XCeed® component even though a valid license for the component exists.

Documentation Changes

- The documentation of the generic API integration interface has been added to the reference manual *API Integration with Third-Party Components*.

Alfabet Release Notes 10.15.1 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.15.0 release. The following information is available.

Enhancements

- The following enhancements have been made to data workbenches:

  - Objects can be created, edited (in an editor or wizard), and deleted in the context of the data workbench. A **New** button and **Delete** button have been added to the toolbar and a new **Edit** option has been added to the **Edit Options** menu which will open the configured editor or wizard when clicked.

  - Indicator types, roles, and generic attributes can be displayed in Gantt charts visualized in the context of a data workbench. Indicator types, roles, or generic attributes displayed in the data workbench can be selected in the **Objects to Display** field in the **Gantt Visualization Settings** editor.

  - Data in a data workbench can be filtered if **Edit Mode** is selected in the **Edit Options** menu.

  - Permissions specified via the **Access for Data Workbench** attribute for a property in the context of a class setting have been refined. Permissions will be correctly applied to the data workbenches configured for object class stereotypes as well as to the visualization of properties in Kanban reports, Gantt charts, and business charts.

  - Reports opened via the **Business Charts** sub-menu of the **Visualize** menu in data workbenches displayed incorrect formatting when exported. This issue has been resolved.

  - Solution designers can specify the visibility and order of columns in a data workbench and save the configuration as the default view for users via the new **Save as Default View** option in the **Structure Data** menu. Changes that a user makes to the visibility and order of columns in the data workbench will be saved to their user context settings. The user can return to the configured default view at any time by clicking the **Switch to Default View** option in the **Structure Data** menu.

  - The colors configured for release statuses in the XML object `ReleaseStatusDef` and objects states in the XML object `ObjectStateManager` are used to visualize release statuses and object states in the context of data workbenches.

- It was not possible to edit the **Status** attribute in the data workbench if the object in the row was based on an object class stereotype. This has been corrected.

- The caption of the **Data Quality Max Severity** attribute of object classes has been changed to **Data Quality Severity**.

- In the data quality rule editor, the drop-down list of the **Resolution View Name** field has changed. In addition to displaying reports assigned to the object classes selected in the **Target Classes** field, the drop-down list shows all reports that are not assigned to an object class.

- If the floating toolbar was collapsed in a view, the visibility of the main toolbar was also hidden. This issue has been corrected.

- In the **Attachments** view, the name of a new Web link changed if the **Document Storage Type** attribute was set to `DefaultIDOCFolder` and a document was uploaded after the Web link was created. This issue has been corrected.

- For generic attributes based on an enumeration, the **Type** column in the **Generic Attributes** view displayed the name of the data type instead of the caption.

- The **Create an Application as Copy** option has been added to the **Capture Applications** functionality.

- The **Create New Contract Item as Copy of** option has been added to the **Contract Items** page view.

- Service products can be added as service items to applications, components, standard platforms, devices, deployments, and technical services directly from their object profiles. A new **Provided Service Product Items** (`Object_ServiceItems`) page view has been added to the object profiles available for the classes **Application**, **Component**, **Standard Platform**, **Device**, **Deployment**, and **Technical Service**.

- An error occurred if a data analytics dashboard provider was created as a copy of an existing one in the **Integration Solutions Configuration** functionality. This issue has been resolved.

- The error displayed if a data capture template was imported and no operations were defined or rows changed was misleading. This issue has been corrected.

- The following issues have been addressed for configured reports rendered in the Alfabet user interface:

- Only the first milestone was displayed of objects in a configured report displaying a Gantt chart. This issue has been corrected.

- If data in the cell of a report contained colons, the data was interpreted as a URL on export to Excel files. If the hyperlink was long, Microsoft® Excel® ran into size restriction issues and the file could not be opened. This issue has been resolved.

- The message displayed for offline reports has been revised so that the user can understand that the displayed button must be clicked to create the report offline.

- The following changes have been made to the **Job Schedule** functionality:

  - Functionalities to change an Alfabet-managed user to a non-Alfabet-managed user have been added to the user administration views in the Alfabet user interface and the Alfabet Administrator.

  - An hourly recurrence pattern has been implemented. Jobs can be scheduled for execution with an interval between 20 minutes and 12 hours.

  - The start time of all pending job schedules can be shifted simultaneously via the new **Action** > **Shift Execution Time for All Jobs** option in the toolbar of the **Job Schedule** functionality. The current execution schedule will be removed and the configured start time of each job schedule will be shifted for the specified number of hours.

  - The executing user defined for a job schedule was ignored and the user editing the job schedule was used to execute the job. This issue has been resolved.

  - In order to enhance performance in large databases, the display of job schedule executions in the **Job Schedule** functionality is limited to the last ten executions. To view the execution of all jobs, users can navigate to the object profile of the job schedule and open the **Job Execution Status** view of the job schedule.

  - Filter settings in the **Job Schedule** functionality were not saved for a user. This issue has been resolved.

- The following issues have been addressed in wizards:

  - The vertical scroll bar in the wizard was hidden behind the slide-in toolbar in the user interface and could not be used if the wizard was maximized to fill the screen and the slide-in toolbar was configured to be fixed via the GUI scheme configuration. This has been corrected and a maximized wizard will not be placed behind the slide-in toolbar.

- If the **Submit** button was clicked in a wizard before the **Back** button was clicked, the error message for the post-condition was erroneously triggered. If **Back** button was then clicked, the post-condition was also erroneously triggered. These issues have been corrected.

- An empty audit entry was sometimes created in the audit table if a user moved to the next wizard step in a wizard without making changes in the editor embedded in the wizard. This issue has been resolved.

- The following issues have been addressed regarding 508 compliance:

  - Navigation is supported from an object cockpit to a linked page view. In the object cockpit, the user can navigate to the page view title that has the hyperlink and press the SPACE key to open the targeted page view.

  - The color contrast of the error message displayed in the login screen has been corrected.

  - An ALT text has been provided for the image in the login screen.

- The alignment of fields in the login screen was skewed when rendered in Arabic. This has been corrected.

- When exporting an ADIF file in the **ADIF Jobs Administration** functionality, the default value for the name of the export file was not set and the export file was not created. This issue has been resolved.

- Scheduling a Microsoft Teams® meeting in the Alfabet user interface failed if the current time format of the Alfabet user interface was a 12 hour format. This issue has been resolved.

Resolved End User Issues

- The following enhancements have been made to data workbenches:

  - Objects can be created, edited (in an editor or wizard), and deleted in the context of the data workbench. A **New** button and **Delete** button have been added to the toolbar and a new **Edit** option has been added to the **Edit Options** menu which will open the configured editor or wizard when clicked.

  - Indicator types, roles, and generic attributes can be displayed in Gantt charts visualized in the context of a data workbench. Indicator types, roles, or generic attributes displayed in the data workbench can be selected in the **Objects to Display** field in the **Gantt Visualization Settings** editor.

  - Data in a data workbench can be filtered if **Edit Mode** is selected in the **Edit Options** menu.

- Permissions specified via the **Access for Data Workbench** attribute for a property in the context of a class setting have been refined. Permissions will be correctly applied to the data workbenches configured for object class stereotypes as well as to the visualization of properties in Kanban reports, Gantt charts, and business charts.

- Reports opened via the **Business Charts** sub-menu of the **Visualize** menu in data workbenches displayed incorrect formatting when exported. This issue has been resolved.

- Solution designers can specify the visibility and order of columns in a data workbench and save the configuration as the default view for users via the new **Save as Default View** option in the **Structure Data** menu. Changes that a user makes to the visibility and order of columns in the data workbench will be saved to their user context settings. The user can return to the configured default view at any time by clicking the **Switch to Default View** option in the **Structure Data** menu.

- The colors configured for release statuses in the XML object `ReleaseStatusDef` and objects states in the XML object `ObjectStateManager` are used to visualize release statuses and object states in the context of data workbenches.

- It was not possible to edit the **Status** attribute in the data workbench if the object in the row was based on an object class stereotype. This has been corrected.

- The caption of the **Data Quality Max Severity** attribute of object classes has been changed to **Data Quality Severity**.

- In the data quality rule editor, the drop-down list of the **Resolution View Name** field has changed. In addition to displaying reports assigned to the object classes selected in the **Target Classes** field, the drop-down list shows all reports that are not assigned to an object class.

- If the floating toolbar was collapsed in a view, the visibility of the main toolbar was also hidden. This issue has been corrected.

- In the **Attachments** view, the name of a new Web link changed if the **Document Storage Type** attribute was set to `DefaultIDOCFolder` and a document was uploaded after the Web link was created. This issue has been corrected.

- For generic attributes based on an enumeration, the **Type** column in the **Generic Attributes** view displayed the name of the data type instead of the caption.

- The **Create an Application as Copy** option has been added to the **Capture Applications** functionality.

- The **Create New Contract Item as Copy of** option has been added to the **Contract Items** page view.

- Service products can be added as service items to applications, components, standard platforms, devices, deployments, and technical services directly from their object profiles. A new **Provided Service Product Items** (`Object_ServiceItems`) page view has been added to the object profiles available for the classes **Application**, **Component**, **Standard Platform**, **Device**, **Deployment**, and **Technical Service**.

- An error occurred if a data analytics dashboard provider was created as a copy of an existing one in the **Integration Solutions Configuration** functionality. This issue has been resolved.

- The error displayed if a data capture template was imported and no operations were defined or rows changed was misleading. This issue has been corrected.

- The following issues have been addressed for configured reports rendered in the Alfabet user interface:

  - Only the first milestone was displayed of objects in a configured report displaying a Gantt chart. This issue has been corrected.

  - If data in the cell of a report contained colons, the data was interpreted as a URL on export to Excel files. If the hyperlink was long, Microsoft® Excel® ran into size restriction issues and the file could not be opened. This issue has been resolved.

  - The message displayed for offline reports has been revised so that the user can understand that the displayed button must be clicked to create the report offline.

- The following changes have been made to the **Job Schedule** functionality:

  - Functionalities to change an Alfabet-managed user to a non-Alfabet-managed user have been added to the user administration views in the Alfabet user interface and the Alfabet Administrator.

  - An hourly recurrence pattern has been implemented. Jobs can be scheduled for execution with an interval between 20 minutes and 12 hours.

  - The start time of all pending job schedules can be shifted simultaneously via the new **Action** > **Shift Execution Time for All Jobs** option in the toolbar of the **Job Schedule** functionality. The current execution schedule will be

removed and the configured start time of each job schedule will be shifted for the specified number of hours.

- The executing user defined for a job schedule was ignored and the user editing the job schedule was used to execute the job. This issue has been resolved.

- In order to enhance performance in large databases, the display of job schedule executions in the **Job Schedule** functionality is limited to the last ten executions. To view the execution of all jobs, users can navigate to the object profile of the job schedule and open the **Job Execution Status** view of the job schedule.

- Filter settings in the **Job Schedule** functionality were not saved for a user. This issue has been resolved.

- The following issues have been addressed in wizards:

  - The vertical scroll bar in the wizard was hidden behind the slide-in toolbar in the user interface and could not be used if the wizard was maximized to fill the screen and the slide-in toolbar was configured to be fixed via the GUI scheme configuration. This has been corrected and a maximized wizard will not be placed behind the slide-in toolbar.

  - If the **Submit** button was clicked in a wizard before the **Back** button was clicked, the error message for the post-condition was erroneously triggered. If **Back** button was then clicked, the post-condition was also erroneously triggered. These issues have been corrected.

  - An empty audit entry was sometimes created in the audit table if a user moved to the next wizard step in a wizard without making changes in the editor embedded in the wizard. This issue has been resolved.

- The following issues have been addressed regarding 508 compliance:

  - Navigation is supported from an object cockpit to a linked page view. In the object cockpit, the user can navigate to the page view title that has the hyperlink and press the SPACE key to open the targeted page view.

  - The color contrast of the error message displayed in the login screen has been corrected.

  - An ALT text has been provided for the image in the login screen.

- The alignment of fields in the login screen was skewed when rendered in Arabic. This has been corrected.

- When exporting an ADIF file in the **ADIF Jobs Administration** functionality, the default value for the name of the export file was not set and the export file was not created. This issue has been resolved.

- Scheduling a Microsoft Teams® meeting in the Alfabet user interface failed if the current time format of the Alfabet user interface was a 12 hour format. This issue has been resolved.

Solution Configuration Issues

- The properties `BASEOBJECT, ID,` and `Name` of the base class of a survey class (`ALFA_QUESTIONARY`) have been changed from private to protected. This enables the **Enable for Data Capture Templates** attribute to be set to `True` for these properties.

- The properties `Predecessor, ResposibleUser,` and `ReponsibleUserGroup` have been added to the class `ContractItem`.

- The following changes have been made for the class **Service Product**:

  - The **Type Info** attribute for the property `VariantOf` for the class `ServiceProduct` was erroneously set to `Application`. This has been corrected and changed to `ServiceProduct`.

  - The value `Variants` has been removed from the property `VariantOf` for the class `ServiceProduct`.

- For some object classes the **Capabilities** attribute was set to either `n/a` or `RuleBased`. These values have been updated with the capabilities that the object class belongs to.

- There was no default class setting for the `Workflow` stereotype of the object class `ALFA_JOB_SCHEDULE`. This issue has been resolved.

- The search properties specified in `User_SelectorDef` and `PERS_SelectorDef` have been aligned so that consistent search results are returned for both selectors.

- The **Rate** and **Watch** buttons were not hidden in the toolbar of an object view even though they were configured to be excluded. This issue has been corrected.

- The `ALFA_PM_*_INFO` object classes which were used to store information about the current configuration of meta-model configuration objects such as editors or object cockpits have been removed from the Alfabet meta-model. The related functionalities **Generate Presentation Model Information** in the **Meta-Model** menu of Alfabet Expand and **Automatically generate ALFA_PM tables**

in the **Expand** tab of the server alias editor of the Alfabet Administrator have been removed.

- The drop-down menu for the **Parameter** attribute of a wizard step action of the type type `TriggerEvent` did not list the configured event templates. This issue has been resolved.

- In the report designer of reports based on the template `EditableClassViewReport`, it was not possible to change the editability settings for role types in the dataset or in the **Set All** editor displayed in the **Default Layout** tab. This issue has been resolved.

- If a user changed the **Selector Behavior** attribute of a configured report in the report editor of the **Report Administration** functionality in the Alfabet user interface, the change was not visible in Alfabet Expand.

- The **Selector Behavior** attribute defines visibility of a configured report in selectors used to add reports to the **Configured Reports** functionality. The **Selector Behavior** attribute has been extended to report folders. If `Invisible` is specified for a report folder, the report folder and its configured reports will not be displayed in the explorers of selectors used in the **Configured Reports** functionality.

- To prevent ADIF import jobs from running in execution deadlocks, ADIF import schemes can optionally be configured to retry execution if execution fails. Re-execution must be enabled and configured in the ADIF import scheme configuration with the new attributes **Enable Retry**, **Retry Delay**, and **Number of Retries**.

- Date values can be imported from an external source server (such as LDAP) to the Alfabet database via ADIF import jobs as string values. The **Data Type** attribute of the database column in the ADIF import definition must be set to `String` to import the date values.

- If an ADIF scheme generated with the **GenericAPIIntegration_Assistant** as well as the configured report that the ADIF scheme refers to were moved via AMM file to a target database, the ADIF scheme was not able to identify the configured report in the target database. This issue has been resolved. If an ADIF scheme already exists prior to migration to Alfabet 10.15.1, the definition of the report must be redefined in the ADIF scheme to implement the resolution.

- If an existing ADIF export scheme for integration with Jira® was edited in the **JiraExport_Assistant**, an error occurred if the relevant Jira project was deleted in Jira or the referenced configured report was not correctly configured.

This issue has been resolved and the export assistant will work without the references to the deleted objects.

- The maximum allowed number of object class properties in the database table for Alfabet object classes has been changed from 255 to 512. The number of custom object class properties which can be defined for an object class can be further restricted by the number of database table columns used for instance translation.

- The **Data Quality Calculation Date** (`DataQualityCalcDate`) object class property has been removed from all object classes representing artifacts. The property is not required for the current scope of functionality for data quality management and caused undesirable entries in the audit table.

- If a configured report includes a link constructed with a `JoinUrl` instruction and the configured report is exported to Microsoft® Excel®, the link will be exported as a hyperlink if the URL is valid. Otherwise the link text will be displayed as text.

- Navigation from a graphic configured report to a data workbench is supported. A new view type `Data Workbench` has been added to the navigation target view definition.

- One of the examples to configure an external chat bot was activated in the default XML object **ExternalVirtualAgentConfig**. This issue has been resolved. If customers do not explicitly activate the use of an external chat bot, the functionality will be deactivated by default.

- A new **Include Configuration Name and Version** attribute has been added to the AMM file generation options in both Alfabet Expand Web and Alfabet Expand Windows with the exception of AMM file generation in the context of update from a master database. If the new attribute is not selected, the **Name** and **Version** attributes defined in the AMM file will not overwrite the configuration name and version in the Alfabet database on update of the meta-model in a target database with the configuration in the AMM file.

- Customers having access to Alfabet Expand in advanced mode can add a button providing navigation to a data workbench to a custom report. The **Apply Operation to Class** attribute of the button must be set to the object class that the data workbench is defined for. In addition, the **Operation** attribute must be set to `NavigateToDataWorkbench` and the data workbench must be selected in the **View** attribute.

- The following issue are relevant for Alfabet Expand Web only:

- It was not possible to add diagram definitions to AMM files. This issue has been resolved.

- An error occurred when the Alfabet Diagram Designer for workflows was closed. This issue has been resolved.

- A custom diagram template could not be edited. This issue has been resolved.

System Administration Issues

- SCIM-based user synchronization with an Azure® AAD is provided via a .NET Framework 6 based SCIM web application. The SCIM web application for implementation on a Microsoft Internet Information Service® or in an Azure environment can be delivered on request in combination with further information about the implementation. Please note that SCIM-based user management is in Beta and should not be used in production environments.

- Please note the following about the implementation of SCIM user management:

  - A Redis database must be installed as an additional third-party component.

  - The SCIM application must be registered as an Enterprise Application in Azure.

  - The SCIM application will update the user data in the Alfabet database with the data from Azure AAD, including newly created users. Users in Alfabet will not be deleted. Instead, the user shall be deactivated in Azure AAD. Deactivated users will be marked with a **Deletion Requested** flag in Alfabet and can then be anonymized.

- The `X-XSS-Protection` HTTP security header is deprecated and has been removed from HTTP request headers for reasons of security.

- The check for availability of the Microsoft Visual C++ 2017 Redistributable Package (x86) has been removed from the Alfabet installer due to issues with the installation of this package via the installer. This package is a prerequisite for using the full-text search capability in Alfabet. Customers using the full-text search capability should install the Microsoft Visual C++ 2017 Redistributable Package (x86) independent of the installation of Alfabet.

- Customers experiencing out-of-memory issues caused by multiple users using Alfabet Expand Web in parallel can limit the maximum number of users allowed to use Alfabet Expand Web in parallel. To do so, add the following to the `alfabet.config` file: `<add key="expandwebsessionlimit" value="NumberOfUsers" />`

- A new **Include Audit** checkmark has been added to the dialogs to specify the export of an Alfabet database to an ADBZ file and the restore of a database from an ADBZ file. The **Include Audit** option allows to audit table content to be excluded from the ADBZ file. It is recommended to remove the checkmark if restore fails because the database size is too big.

- The command line tool `AlfaAdministratorConsole.exe` has been extended to set the SMTP server settings in server alias configurations.

- An issue was found regarding calls to the `object` endpoint of the Alfabet RESTful services that export information based on a configured report with parameters. It was not possible to set array parameters targeting a query condition with an `IN` operator in the configured report. This issue has been resolved.

- An error was displayed in the **Response Class Mapping** field in the `AzureDevOpsExport_Assistant` ADIF assistant. This issue has been resolved.

- The log files of ADIF import jobs executed for the ServiceNow® integration interface showed error messages although the import was performed correctly. This issue has been resolved.

- The Alfabet Platform Analyzer (ppa.aspx) has been deprecated. The information provided by the tool did not prove useful for analyzing customer issues.

Resolved Empower and AHA Issues

- SI-468908

- SI-470548

- SI-478066

- SI-481249

- SI-481509

- SI-482438

- SI-484349

- SI-484866

- SI-485634

- SI-489011

- SI-489720

- SI-490312

- SI-491077

- SI-491731

- SI-492733

- SI-493021

- SI-493484

- SI-494156

- AHA PROD-I-84

- AHA PROD-I-91

- AHA PROD-I-103

- AHA PROD-I-130

- AHA PROD-I-154

- Empower 5445599

Known Limitations

- The SQL statement `WITHIN GROUP` is not supported and cannot be used in SQL queries for configured reports.

- The **Test Publication** functionality in Alfabet Expand is not working for publications that include graphic reports. Publications with graphic reports can only be tested in the configured publication environment in the Alfabet user interface.

Forthcoming Changes

- The AlfaBot will be discontinued with Alfabet 11. As an alternative, it is possible to launch BOTs configured in Microsoft Virtual Agent® or OpenDialog® in the Alfabet user interface.

Documentation Issues

- The German translation of the documentation and Alfabet 10.15.0 release notes is available.

Service and Support

Should you have any questions or require additional information about Alfabet, please contact Alfabet BD GmbH Support.

Please open a ticket for any service request as well as all non-standard support incidents such as training requests, scripting, or data integration: Alfabet BD GmbH Support

When you submit a ticket for a service request, you should include the main release number and patch version of your Alfabet product. This information can be accessed by clicking **Help** < **About Alfabet**.