

Technical Release Notes

enaio®

Version 11.0

Last update: 9/24/2025

All software products and all related programs and functions are registered and/or used trademarks of OPTIMAL SYSTEMS GmbH, Berlin, or one of its companies. They may only be used with a valid license agreement. The software and its associated documentation are protected by German and international copyright law. Unauthorized duplication and sales is plagiarism and shall be subject to criminal prosecution. All rights reserved, including reproduction, transmission, translation, and storage with/on all kinds of media. For all preconfigured test scenarios or demo presentations: all company names and persons appearing in examples (screenshots) are fictitious. Any similarities to existing companies or persons is purely coincidental and unintentional.

Care has been taken in the compilation of text and illustrations. However, we cannot completely exclude errors. The publisher and author cannot accept any liability or legal responsibility for incorrect or incomplete information or for the consequences thereof. Only individual quotes are binding.

Code examples contained in documentations serve to clarify functionalities and cannot be adopted without reviewing and adjusting them. Examples of code are shown with line breaks, for example, which are not allowed in the respective programming language, for a clearer presentation. For this reason, OPTIMAL SYSTEMS does not assume any liability for examples of code.

Copyright: 1992-2025

OPTIMAL SYSTEMS GmbH

Cicerostraße 26

D-10709 Berlin

Table of Contents

Technical Release Notes enaio® version 11.0	6
Discontinuations for enaio® version 11.0	6
Service Releases and Hotfixes	6
Update Notes	8
enaio® service-manager	8
enaio® gateway and Kerberos	9
enaio® webclient	9
enaio® mobile	9
Elasticsearch	9
ABBYY FineReader	10
enaio® capture	10
enaio® coLab	10
enaio® mail-archive-service	10
enaio® repository-manager	10
enaio® erp-s Connectors	11
WebView2 Control	12
Outlook Redemption	13
Standard Ad-hoc Workflow and Taskflow	13
Quickfinder Add-on	13
Unicode Installations	14
Administration	15
enaio® service-manager	15
New System Role for enaio® client	16
New System Role for enaio® webclient	16
enaio® editor	17
enaio® capture	18
enaio® administrator	18
Subscriptions/Follow-ups	19

enaio® enterprise-manager	19
enaio® mail-archive-service	19
enaio® data-transfer-ng (beta)	20
enaio® webclient: Dashlet API	20
Scripting	20
enaio® import-export	21
enaio® documentviewer	21
enaio® Outlook Add-In NG	21
enaio® client	22
Internationalization: Multilingual Catalogs	22
Possibility to Switch to 'Natural sorting' in Hit Lists	22
Negative Values in DMS Decimal Fields Are Displayed in Red Text	23
Adjusting the Time Stamp for Follow-ups	23
Internationalization: Structure Tree Catalog is Now Unicode Capable	23
New System Role for Copying Across Cabinets	24
WWW Add-On for Controlling Telephone Systems	24
Newly Designed Placeholder Page	24
enaio® webclient	25
Internationalization: Multilingual Catalogs	25
Recycle Bin	25
Card View Is Available for Folder View	26
Card View – Sorting	26
Redesigning Filters and Introducing Chips	26
Newly Designed Placeholder Page	27
enaio® coLab	28
Scanning for Viruses While Uploading Document	28
Editing Documents Using enaio® office-365-dashlet	28
enaio® GroupWise Add-On NG	29
Filing an Appointment in enaio®	29
Opening the Location of Filed Appointments	29
Starting a Workflow from a Selected Appointment	29

enaio® mediamanagement	30
Discontinuation enaio® mediamanagement	30
enaio® mediamanagement-import Will Continue to Undergo Maintenance	30
Update Notes	30
Service Releases	31
enaio® Outlook Add-In NG	32
enaio® webclient	33
DMS Service	43
enaio® repository-manager	46
enaio® gateway	48
enaio® mail-archive-service	48

Technical Release Notes enaio® version 11.0

These pages contain information about new developments as well as information about updates.

Information about the processing status of support calls can be obtained via e-mail:

support@optimal-systems.de.

Note: Please also note all the relevant Technical Release Notes and system requirements from the version you are updating to the current version.

[TRNs 10.10](#)

[TRNs 10.0](#) / Update to a 64-bit server

Discontinuations for enaio® version 11.0

With the release of enaio® version 11.0, the following version remains in maintenance: Version 10.10.

Details on discontinuations can be found in the [product lifecycle information](#).

Service Releases and Hotfixes

OPTIMAL SYSTEMS publishes regular [service releases and hotfixes](#) for current versions.

A complete list of service releases and hotfixes can be found at the following locations:

- [Service Portal > Release Info](#)
- [release-info-11-00.json](#)

Below you will find a current selection for version 11.0:

Date	Component
09/03/2025	enaio® Outlook Add-In NG 11.0.12
07/22/2025	enaio® webclient SR 5 Hotfix 12
12/02/2024	DMS service 6.5.1

Date	Component
09/16/2024	enaio® repository-manager 5.0
09/10/2024	enaio® gateway 11.0.0.31
02/20/2024	enaio® mail-archive-service 2.1.5

Note: In addition, install all available service releases and hotfixes for enaio® to keep the system as a whole up-to-date and thus avoid errors.

On systems where multiple enaio® components are installed together, all installed enaio® components must always be updated and kept up to date with the latest hotfixes at the same time. This applies in particular to systems on which the enaio® components enaio® client, enaio® administrator, enaio® capture, and enaio® server are installed.

These enaio® components use some of the same COM libraries. These COM libraries are registered centrally on the system in the Windows registry and accessed by the individual applications via the Windows registry. Therefore, on systems where more than one enaio® component is installed, cross-effects may occur if these libraries are not at the same hotfix level. In extreme cases, this can lead to data loss.

Update Notes

As usual, all components must be updated simultaneously – server, clients, services, and microservices.

Both functional and security-related errors may occur when accessing data if some components have not been updated.

The installation data can be obtained via the [Service Portal](#). There, you can also request test licenses.

enaio® service-manager

JDK 17

With JDK version 17, enaio® service-manager is provided with version 11.0. This means that JDK entries in `servicewatcher-sw.yml` are no longer needed and are no longer evaluated. Customer and project-specific services based on JDK 8 may need to be adapted.

The enaio® service-manager framework was upgraded to Spring Boot 3.

Certificates

If certificates have been integrated into enaio® service-manager, then these must be [reintegrated](#) after the update.

Microservices

dms

The 'dms' service is installed in version 6.0. This version is not backwards compatible. If the service is used in projects, then [adjustments](#) are necessary.

messaging/tagging

The 'messaging' and 'tagging' services are not required and are no longer installed.

Microsoft Teams Services

The `msteamsactions-prod.yml` configuration file located in the `\service-manager\config\` directory must be adapted. The previous 'zuul' section must be replaced by a ['gateway' section](#).

enaio® gateway and Kerberos

With JDK version 17, enaio® gateway is provided with version 11.0. This means that the weak encryptions DES3-HMAC-SHA1 and RC4-HMAC are no longer permitted by default. Administrators may need to adjust user profiles in the Kerberos environment.

For development and test systems, these encryptions may continue to be permitted at your own risk. To do this, the `krb5.conf` file in the `\jdk\conf\security` directory of enaio® gateway is required. This file can be copied from the existing directory before the update and then pasted or recreated:

```
[libdefaults]
allow_weak_crypto = true
```

enaio® webclient

If you have not already updated enaio® webclient to version 10.10, you can update directly to version 11.0 by following the [instructions](#) in the TRNs of version 10.10 with the installation data of version 11.0.

enaio® mobile

The current version of enaio® mobile requires Android 11 or iOS 15.

Elasticsearch

Elasticsearch will be updated to version 7.17.8 via the `elasticsearch_setup.exe` setup. This removes the need for adjustments to data and configurations.

ABBYY FineReader

ABBYY Finereader does not need to be updated when updating version 10.0 or version 10.10.

enaio® capture

The AXVBINAB subprogram has been discontinued and will no longer be installed. If configurations that have AXVBINAB as their subprogram have not yet been converted to the [enaio® database synchronization](#) subprogram, then this must be done with this update.

enaio® coLab

If you have not already updated to enaio® coLab version 10.11.5, then the [login configuration for external users](#) will have to be updated when updating to version 11.0.

enaio® mail-archive-service

[enaio® mail-archive-service](#) has been updated to version 2. enaio® mail-archive-service will be integrated via the new 'mas-smtp', 'mas-mailbox', and 'mas-storage' microservices. Updates will automatically delete the existing 'mailjournaling' service.

The services have to be reconfigured.

The license check is performed via the 'license' service. The 'MAS' license is integrated there by default.

If an existing 'MAS' license is already assigned to a station as a seat license, then it must be reassigned to the [Station](#) on which the service 'license' is running.

enaio® repository-manager

[enaio® repository-manager](#) has been updated to version 4.4.1. enaio® appconnector is no longer integrated. Connection parameters to enaio® appconnector will no longer be evaluated and can be deleted.

The technical user of enaio® service-manager from the `application-blue.yml` file will be used as the technical user by default. The `enaio.dms.username` parameter must be deleted unless another technical user is explicitly intended to be used with it.

The license check is performed via the 'license' service. The 'LR3' and 'ILM' licenses are integrated there by default.

If existing 'LR3' or 'ILM' licenses are already assigned to a station as seat licenses, then they must be reassigned to the [Station](#) on which the service 'license' is running.

enaio® erp-s Connectors

To use enaio® data2ecm, enaio® jump2ecm, and enaio® data2s in conjunction with enaio® version 11.0, at least version 4.4 of the three SAP connectors' product transport must be imported into the SAP system.

Due to the discontinuation of enaio® webservises, adjustments to the connection settings are necessary.

The [license checks](#) are performed via the 'license' service. The licenses for the connectors must be integrated there.

enaio® data2ecm

[Customizing](#) enaio® data2ecm:

- Previously, the address of enaio® webservises was specified for the connection to enaio® systems. Now, the address of enaio® gateway must be specified.
This connection also applies for enaio® jump2ecm and enaio® data2s.
- There, the system type for a call to enaio® jump2ecm via an .os file must be specified as 'R' or as 'W' for a call to enaio® webclient.
- In every enaio® data2ecm project, the communication form /OSGMBH/DX_EXPORTER_HTTP or /OSGMBH/DX_EXPORTER_HTTP_NUC must be replaced by /OSGMBH/DX_EXPORTER_REST.
- These adjustments must be made for all OS systems.
- The systems must be accessible via the same enaio® gateway with basic authentication enabled.
- All object types and fields in enaio® must have internal names, and these internal names must also be input or specified when customizing enaio® data2ecm.

enaio® jump2ecm

Calling a client from enaio® is done in accordance with the common connection settings of enaio® jump2ecm and enaio® data2ecm – that is, indirectly by calling an .os file or by calling enaio® webclient in the browser.

enaio® data2s

Using enaio® data2s is now only still possible in the new HTTP SOAP variant. The COM variant available for earlier versions in ANSI systems can no longer be used.

Before the update, please note that for the HTTP SOAP variant, new requirements are being placed on the SAP system and importing the product transport of the three SAP connectors in at least version 4.3 is also required.

In addition, all programs, scripts, and tasks that previously used the COM variant of enaio® data2s must be converted to the new HTTP SOAP variant. This usually entails an increased amount of effort and cost during the update, which must be taken into account in the budget and schedule for the update.

WebView2 Control

With this version, enaio® client uses the WebView2 control from Microsoft, which is installed on Windows systems by default and is therefore also updated when Windows is updated.

If the WebView2 control is not installed, then with the installation of enaio® client, the `MicrosoftEdgeWebView2RuntimeInstallerX86.exe` or `MicrosoftEdgeWebView2RuntimeInstallerX64.exe` installer located in the directory of the MSI package is run automatically.

Note: If the WebView2 control cannot be installed successfully, then the details preview and content preview will not be displayed with an error message in enaio® client. This particularly applies to Windows Server installations.

Then, reinstall the WebView2 control via the appropriate installer.

Outlook Redemption

The Redemption library that integrates enaio® is no longer registered. This helps avoid conflicts that may occur when third-party software accesses a registered Redemption library. Projects that require the previous registration via the client MSI must be reviewed.

Standard Ad-hoc Workflow and Taskflow

The `osdefaultmodels.xml` workflow model with the default ad-hoc workflow and taskflow has been updated and must be re-imported into enaio® editor-for-workflow.

Quickfinder Add-on

Previously, the Quickfinder add-on did not fully respect access rights when accessing other objects' data. For example, data could be taken from objects to which the user had no access rights.

This behavior has been changed, and the access rights are now respected.

Unicode Installations

Unicode installations are only possible as a new installation or as an update of a 9.10/10.0/10.10 Unicode installation.

Administration

enaio® service-manager

'dms' Service

The 'dms' service is installed in version 6.0. This version is not backwards compatible. If the service is used in projects, then [adjustments](#) are necessary.

What have been extended are endpoints that are related to catalogs. The multilingualism of the list catalogs, tree catalogs, and hierarchy catalogs is thus supported.

'extraction' Service

The 'extraction' microservice can be extended via [Plug-Ins](#) in order to extract metadata from additional file formats.

New Microservices

'users' Service

The '[users' service](#)' is new but currently not actively integrated. The service is used for users, user groups, and user-specific configurations, such as system roles and hit list configurations, making it one of the components within the scope of the replacing enaio® appconnector.

'data-transfer' Service

The service 'data-transfer' is also new and is used for the new enaio® template-editor and the enaio® data-transfer-ng add-in. This removes the need for configuring the service.

Management Endpoints

In addition to securing access to the services via IP filters, access to management endpoints can also be secured.

The [configuration](#) is done in the same way via the `management.trusted.ipPattern` parameter in the `application-prod.yml` file.

The default setting allows access from all IP addresses that are able to access the services.

New System Role for enaio® client

'Client: Copy across cabinets' system role: Previously, users with the system role 'Move across cabinets' in enaio® client could also copy objects across cabinets. The new system role separates these two functions.

With the update, all users who have the `Move across cabinets` system role are automatically assigned the system roles.

New System Role for enaio® webclient

New system roles have been introduced for enaio® webclient. Previous configurations of the corresponding functions will become inactive and be replaced by system roles via `osweb-prod.yml` with [Service Release 1](#) for enaio® webclient.

These system roles are automatically assigned to all users with the system role 'Webclient: Start'.

- Webclient: Use saved searches
- Webclient: Use object references
- Webclient: Use subscriptions
- Webclient: Use follow-ups
- Webclient: Show history

User Administration in enaio® webclient

Users are assigned the system roles specified in the `osrest.web.systemroles.properties` configuration file from the `<AppConnectorInstallDir>\configuration` directory via [user management](#) in enaio® webclient. This configuration file is not updated when enaio® appconnector is updated.

You can get a current version of the configuration file through a [download](#).

enaio® editor

Multilingual Catalogs

List catalogs, tree catalogs, and hierarchy catalogs can be created as multilingual catalogs.

In addition to a technical value, language-specific display values can be assigned to the catalog entries for all included languages. The language-specific display values are shown to users in enaio® client and in enaio® webclient depending on the language settings.

Selecting multiple entries is not possible for multilingual catalogs.

Existing list catalogs, tree catalogs and hierarchy catalogs can be converted into multilingual catalogs. Existing values are retained as technical values. The language-specific display values are then added.

Saved searches that refer to multilingual catalogs can be distributed, but they cannot be edited in other languages. They show the language-specific display value for the user.

Searches in expert mode also show the language-specific display values when configuring the required technical values.

When creating clauses for access rights, the technical values are used; the language-specific display values can be shown for informational purposes.

The technical values are also used in technical contexts, for example, for import and in scripts.

In the case of multilingual catalogs, the COM method '[GetCatalogItemInfo](#)' determines the language-specific entries.

In the workflow, support for multilingual catalogs will follow only with a subsequent version.

WWW Add-on

The [WWW add-on](#) can transfer phone numbers entered in the index data field to a telephone system. To do this, enter the following into the add-on's configuration field: `EXTRA00=tel:`

enaio® webclient does not support the WWW add-on.

Structure Tree Catalog

Any Unicode characters can be used for structure tree catalogs in Unicode installations. ANSI structure tree files can be used in Unicode installations.

enaio® capture

enaio® capture-to-classify

enaio® capture has been extended by the subprogram [enaio® capture-to-classify](#). enaio® capture-to-classify makes data for further processing available in enaio® classify.

enaio® capture-to-classify replaces the previous project-specific solution `axCaptureExport.exe`.

enaio® administrator

Clauses for Access Rights

For access clauses for documents, the [properties](#) 'archived', 'approved for archiving', 'not approved for archiving', and 'checked out' can be used.

Information about the object type can be shown in the clause editor. For multilingual catalogs, the technical and language-specific values are shown.

Printing Access Rights

When printing access rights from enaio® administrator, you can select whether clauses are printed with the database names, the internal names, or the display names.

Automatic Actions

Dearchiving/Media Dearchiving Actions

The actions have been given an option to create additional and detailed reports.

'History Maintenance' Action

The 'Version created' option has been extended. In addition to the history entries for creating versions, document versions will now also be deleted. The entry 'Version deleted' will be added to the history. Archived versions will only be deleted from the cache.

Integration of Entra ID (beta)

You now have the option of integrating Entra ID (formerly Azure AD) into enaio® to transfer user and group information.

You can find more information at [enaio® directory-sync](#).

Subscriptions/Follow-ups

The date range for subscriptions and follow-ups previously up to 18 January 2038 at the latest – has been extended to 31 December 3000.

Existing scripts only need to be adapted if the extended date range is used.

enaio® enterprise-manager

Windows supports the use of the User Principal Name (UPN) when logging in via Kerberos. For use in enaio® client, a setting can be made in enaio® enterprise-manager as to whether the user name in enaio® is optionally specified as SAM account name (SAM) or as UPN when logging in.

enaio® mail-archive-service

[enaio® mail-archive-service](#) has been updated to version 2. The range of functions has been extended to include mailbox-based mail archiving. The mailboxes for archiving are selected for each configuration. These can be user mailboxes and/or shared mailboxes and/or group mailboxes. enaio® mail-archive-service checks these mailboxes and transfers the e-mails they contain to enaio®. A white and black list can be used to specify more precisely from which folders the e-mails are taken.

The services have to be reconfigured.

enaio® data-transfer-ng (beta)

[enaio® data-transfer-ng \(beta\)](#) is a new add-in for Microsoft Word. The add-in includes [enaio® template-editor](#) and the function used to transfer index data in documents with controls created using enaio® template-editor.

The 'CDE' license is required at the workstation. The license is managed via the 'license' service. The 'data-transfer' service must be installed. enaio® template-editor must be activated at the workstation via the registry editor.

enaio® webclient: Dashlet API

A [communication library](#) is now available for embedding dashlets, which simplifies connecting enaio® webclient and a dashlet. The communication library also enables compatibility with enaio® client, which in turn helps cut development costs.

The [dashlet API documentation](#) has been extended. Existing dashlet integrations do not need to be changed. The communication library can also be integrated into enaio® version 10.10.

Scripting

'BeforeOpen' Event

The handoff file of the 'BeforeOpen' event contains the new parameter 'OPENFROMCOPY'. The value '1' indicates that, for the moment, a document was created using the 'Create copy' function. This can be used, for example, to prevent the file from being displayed when creating a copy.

'OpenBrowser' COM Method

The new '[OpenBrowser](#)' method opens a browser window in enaio® client's workspace. This allows web applications or functions that are independent of marked objects and cannot be easily integrated via dashlets to be integrated into enaio® client.

The following methods were also added for this purpose: CloseBrowser, ExistBrowser, SetBrowserURL

'PrintDocumentID' COM Method

Until now, only image documents could be printed using this method. Printing W-Documents was explicitly prevented. Using this method, printing W-Documents is now possible.

enaio® import-export

The 'Mentana' signature module can be connected in Unicode systems for signing imported documents via SSL.

enaio® documentviewer

High Efficiency Image Container

Images in HEIC format can be processed by enaio® documentviewer. Text recognition for this format is not supported.

Determining the Cache Size

enaio® documentviewer can be set so that it uses the size and free storage space of the underlying hard drive to calculate the [cache size](#) instead using the cache itself. This enables enaio® documentviewer to be more responsive, especially for large and rapidly changing caches.

enaio® Outlook Add-In NG

Users can optionally have the location opened via enaio® Outlook Add-In NG when attaching an e-mail. Administrators can predefine how the location is opened or disable this option.

The [configuration](#) is done via the `ems-prod.yml` file of enaio® service-manager.

enaio® client

Internationalization: Multilingual Catalogs

Catalogs in enaio® offer the advantage of using fixed terms in the index data (in contrast to free text fields) in order to prevent typos or the creation of different designations when being filled in by individual editors.

List, hierarchy, and tree catalogs have now been made available specifically for multilingual enaio® systems in such a way that editors with different language backgrounds can see and use these catalogs in the index data, search forms, hit lists, and the details preview in their respective selected language. Focusing the catalogs and selecting a criterion can be done using the keyboard.

Saving the values is done on the basis of a technical value, thereby achieving a high level of downward compatibility with previous catalogs. Catalogs can easily be converted from monolingual to multilingual.

Note: Multilingual catalogs can be provided for the workflow as of version 11.10.

Possibility to Switch to 'Natural sorting' in Hit Lists

With the release of enaio® 11.0, natural sorting can be applied to hit lists in addition to the alphanumeric sorting that was previously used in clients.

Natural sorting, which the user can select in their client settings, provides for better sorting of hits in all hit list types, especially for complex compound search criteria consisting of letters and numbers.

Example:

Examples of the sorting mechanisms:

Alphanumeric	Natural
A1A	A1A
A10A	A2A
A2A	A10A
B10A	B3B
B3B	B10A

Negative Values in DMS Decimal Fields Are Displayed in Red Text

With the release of enaio® 11.0, in object lists (for example, in hit lists, locations, portfolios, or in the inboxes of subscriptions and follow-ups) and index data forms, negative numeric values in decimal fields and decimal table controls can be displayed in red characters. Users can turn the function on/off via the menu item **Settings > Other > Negative decimal numbers**.

Adjusting the Time Stamp for Follow-ups

Until now, there was a time restriction when creating follow-ups. Follow-ups could only be created with a time stamp < 2038. With the release of enaio® 11.0, follow-ups can now be created up to the year 3000.

Internationalization: Structure Tree Catalog is Now Unicode Capable

The structure tree catalog now supports Unicode fonts as abbreviations and descriptions.

In the ANSI client, the structure tree is displayed with ANSI data only. If UNICODE DATA is present, an error message is displayed. The UNICODE structure tree add-on can read both ANSI DATA and UNICODE DATA. Unicode characters can be used for abbreviations, names and levels.

The add-on can be used in Unicode projects without restrictions.

Note: For technical reasons, multilingualism has not been planned.

New System Role for Copying Across Cabinets

A new system role supports copying across cabinets in enaio® client. This enables the user to do things such as copy an object from a hit list, location, or portfolio to a new location across cabinets. During an update, all users with the role *'Move across cabinets'* are also assigned the new role by default. Other users must be assigned the new system role individually.

WWW Add-On for Controlling Telephone Systems

It is now additionally possible to use the WWW add-on to also control calling from the index data via telephone systems integrated into Microsoft Windows. Additionally, the prefix of the Windows action *'tel:'* to be used can be specified in the configuration of the add-on in a targeted manner. Validating the phone number via regular expression is also possible. In principle, this can be utilized to specifically control all logs available in the respective Windows system, such as *'http://'*, *'mailto:'*, *'tel:'*, etc. in a targeted manner.

Newly Designed Placeholder Page

A newly designed placeholder page is displayed in the content and details previews for 10.10 and 11.0 if no object has been focused or exists yet. The links to OPTIMAL SYSTEMS' websites have been removed.

enaio® webclient

Internationalization: Multilingual Catalogs

Catalogs in enaio® offer the advantage of using fixed terms in the index data (in contrast to free text fields) in order to prevent typos or the creation of different designations when being filled in by individual editors.

List, hierarchy, and tree catalogs have now been made available specifically for multilingual enaio® systems in such a way that editors with different language backgrounds can see and use these catalogs in the index data, search forms, hit lists, and the details preview in their respective selected language. Focusing the catalogs and selecting a criterion can be done using the keyboard.

Saving the values is done on the basis of a technical value, thereby achieving a high level of downward compatibility with previous catalogs. Catalogs can easily be converted from monolingual to multilingual.

Note: Multilingual catalogs can be provided for the workflow as of version 11.10.

Recycle Bin


enaio® webclient and enaio® webclient as a desktop application have already had a recycle bin function since service release 1 of version 10.10. With the release of 11.0, enaio® mobile also has a recycle bin.

The recycle bin is accessible from the private desktop in the main menu. Folders, registers, and documents deleted by the user are displayed in the recycle bin in the form of a mixed hit list.

The details preview shows the index data as well as any existing notes of a selected object in the recycle bin. The areas for history, workflows, and follow-ups in the details preview are hidden.

Deleted objects can be permanently deleted from the recycle bin via the context menu. The 

Open location function, with which users can show the former filing location of the deleted object, is available in the context menu for selected registers or documents in the recycle bin.

Registers and documents can be reinserted in the original location using the  **Restore** function in the context menu. The function is also available for folders. Folders and registers can be restored, with or without content, depending on your selection.

Card View Is Available for Folder View

The new card view, which was introduced with enaio® webclient 10.10 SR1, is now available for users to select in an object's location (in the same way as with object hit lists). The card view provides a clearer, more intuitive, and more comprehensive user interface that makes it easier to find the object you're looking for at a glance.

Card View – Sorting

With the release of enaio® webclient 11.0, a sort icon is available to users for object search hit lists. The user uses this icon to select a sorting criterion.

The user can choose the first three pieces of their hit list configuration's index data for sorting. Exactly one sorting criterion can be selected. The selected sorting criterion is displayed as a "chip" in the hit list's header area.

If the user switches from the table view to the card view (or vice versa), the sorting is carried over as well (and so is the multi-level sorting).

Info about the selected sorting criterion is saved in the AS.ini according to each individual user.

Note: The new sorting icon is not available for selection in the table view or on cell phones (where the card view is generally not available). The function is made available on a tablet.

Redesigning Filters and Introducing Chips

In both the card view and the table view, the previous field for filtering is replaced by a button. The filter criterion entered is displayed above the object list as what is called a "chip." Focusing the filter symbol and entering a criterion can be done using the keyboard. If the user switches from the table view to the card view (or vice versa), the filter is carried over as well. An object list can currently only be filtered according to one criterion. If the user removes the chip (via clicking or tapping the X icon in the chip), the object list updates and the filter is removed.

Newly Designed Placeholder Page

A newly designed placeholder page is displayed in the content and details previews for 10.10 and 11.0 if no object has been focused or exists yet. The links to OPTIMAL SYSTEMS' websites have been removed.

enaio® coLab

Scanning for Viruses While Uploading Document

The level of security when exchanging data and documents using enaio® coLab has been significantly increased. Documents can now be scanned for viruses when uploading them to a coLabproject room. Administrators can use webhook HTTP calls to integrate various antivirus programs. Activating the antivirus webhook is done via configuration settings in `colab-prod.yml`. Users are informed about potential viruses or problems that occur while scanning for viruses problems via notification windows.

The [release pages](#) contain a description on its integration.

Editing Documents Using enaio® office-365-dashlet

enaio® coLab users now need the editing right 'Replace file' to be able to edit documents with enaio® office-365-dashlet. Project members with the Member and Owner roles have this authorization. Project members with the Guest role do not have this right and are therefore not able to edit documents with enaio® office-365-dashlet.

enaio® GroupWise Add-On NG

The enaio® GroupWise Add-On NG has been extended by the following functions, which are supported by both enaio® client and enaio® webclient as a desktop application.

Filing an Appointment in enaio®

Users of enaio® GroupWise Add-On NG can now file appointment objects from GroupWise in enaio® in addition to e-mails and their attachments. The appointments are filed in `eml` file format in enaio®. Double-clicking or tapping the `eml` object in enaio® displays the appointment in the GroupWise calendar.

Opening the Location of Filed Appointments

If a user has filed an appointment in enaio® using enaio® GroupWise Add-On NG, they can view the location of that appointment object via a new function in the add-on.

Starting a Workflow from a Selected Appointment

With the release of enaio®11.0, it is now possible to start workflows directly from GroupWise. To do this, users must select an appointment in GroupWise and can then start the workflow using the new add-on function.

enaio® mediamanagement

Discontinuation enaio® mediamanagement

With the release of enaio® version 11.0, the enaio® mediamanagement solution consisting of the components enaio® mediamanagement-import, enaio® mediamanagement-export, and enaio® mediamanagement-catalog will be discontinued and removed from the setup. Therefore, maintenance, further development, and sales via OPTIMAL SYSTEMS Berlin will be discontinued. See also [Product Lifecycle Information enaio® version 10.10](#).

enaio® mediamanagement-import Will Continue to Undergo Maintenance

Since some customers still actively use the enaio® mediamanagement-import component, OPTIMAL SYSTEMS Konstanz will take over maintenance for this module. Customers who have purchased enaio® mediamanagement-import can continue to use the module. For technical reasons, the module has been slightly adjusted. Due to this adjustment, only the EXIF data of the common image formats are read. Medical formats, such as DICOM, can indeed still be imported, but the EXIF data is no longer read.

Update Notes

Since the enaio® mediamanagement solution will no longer be integrated in the enaio® setup as of enaio® version 11.0, it will be uninstalled when updating from older versions. A separate setup is provided for installing the enaio® mediamanagement-import. This can be done after updating enaio®. It is recommended to save the configuration file of the enaio® mediamanagement-import before the update in order to be able to use the existing configuration after the update.

Service Releases

OPTIMAL SYSTEMS publishes regular service releases and hotfixes for current versions. Service releases include new features, function upgrades, and new components.

The installation data can be obtained via the [Service Portal](#).

A complete list of service releases and hotfixes can be found at the following locations:

- [Service Portal > Release Info](#)
- [release-info-11-00.json](#)

Note: There is a JSON file that contains only the change history of the component in the download directory of each component.

Below you will find a current selection for version 11.0:

Date	Component
09/03/2025	enaio® Outlook Add-In NG 11.0.12
07/22/2025	enaio® webclient SR 5 Hotfix 12
12/02/2024	DMS service 6.5.1
09/16/2024	enaio® repository-manager 5.0
09/10/2024	enaio® gateway 11.0.0.31
02/20/2024	enaio® mail-archive-service 2.1.5

Note: In addition, install all available service releases and hotfixes for enaio® to keep the system as a whole up-to-date and thus avoid errors.

On systems where multiple enaio® components are installed together, all installed enaio® components must always be updated and kept up to date with the latest hotfixes at the same time. This applies in particular to systems on which the enaio® components enaio® client, enaio® administrator, enaio® capture, and enaio® server are installed.

These enaio® components use some of the same COM libraries. These COM libraries are registered centrally on the system in the Windows registry and accessed by the individual applications via

the Windows registry. Therefore, on systems where more than one enaio® component is installed, cross-effects may occur if these libraries are not at the same hotfix level. In extreme cases, this can lead to data loss.

enaio® Outlook Add-In NG

You will find information about the latest service releases of enaio® Outlook Add-In NG here.

Installation

enaio® Outlook Add-In NG is installed and updated via the `enaio_outlook_addin_ng.msi` file from the `\Frontend\Outlook Add-In NG` directory.

enaio® Outlook Add-In NG 11.0.12

The service release contains the following changes, in addition to bug fixes.

Converter

A standard converter was used in enaio® Outlook Add-In NG in previous versions. The Outlook converter is used with the service releases to improve performance. This converter is activated by the following registry entry:

```
HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\OPTIMAL SYSTEMS\enaio\enaio Outlook  
Add-In NG > SaveAsConverter > 1030
```

Note: Existing registry entries are not changed.

This change affects the syntax of transferred e-mail addresses and thus possibly the sorting in hit lists.

Example:

Standard converter: First name Last name <firstname.lastname@domain.com>

Outlook converter: "First name Last name" <firstname.lastname@domain.com>

With the MSI installation parameter `SaveAsConverter=1031`, the standard converter can remain activated or be reactivated.

Cache mode can also be activated in Microsoft Outlook to improve performance.

enaio® webclient

You will find information about the current Service Release and hotfixes of enaio® webclient on the following pages.

Current: [Service Release 5 for enaio® webclient Hotfix 12](#)

Installation Requirements

Service Release 5 Hotfix 11

The current Service Release 5 Hotfix 11 requires the installation of the following updates to ensure the system functions properly:

- 'office365-dashlet' service in version 3.0.3 or later.

\11.00\Backend\Service-Manager-Update

- enaio® appconnector 11.0.0.182 or later.

\11.0\Backend\AppConnector

Service Release 5 Hotfix 3

The current Service Release 5 Hotfix 3 requires the installation of the following updates to ensure the system functions properly:

- DMS service 6.4.1 or later.

\11.00\Backend\Service-Manager-Update

Service Release 5

The Service Release 5 requires the installation of the following updates to ensure the system functions properly:

- DMS service 6.3.1 or later.

\11.00\Backend\Service-Manager-Update

Service Release 3

The Service Release 3 requires the installation of the following updates to ensure the system functions properly:

- DMS service 6.2 or later.

\11.00\Backend\Service-Manager-Update

Service Release 1

The current Service Release 2 and its hotfixes require the installation of the following updates to ensure the system functions properly:

- server-patch.exe 11.0.2 or later.

\11.00\Backend\Server-Patch

- osappconnector_setup.exe 11.0.0.153 or later.

\11.00\Backend\AppConnector

Installation

The installation data can be obtained via the [Service Portal](#).

The latest version of enaio® webclient as a desktop application will be available and automatically installed following [the update](#). Existing profiles will be imported. The NSIS installer for manual installation has also been updated.

Changes

A detailed list of changes for all components can be found in the [Service Portal](#) in the release information and in the [release-info-11-00.json](#) file.

Service Release 5 / Hotfixes

The service releases 5 Hotfixes 1, 2, 3, 6, 7 and 8 for enaio® webclient are service releases for troubleshooting.

Service Release 5 / Hotfix 12

The Service Release 5 Hotfix 12 for enaio® webclient contains the following new features in addition to bug fixes:

Dashlets

Dashlets that are not restricted to specific object types via the configuration are available for users to select at any time in the preview area and receive information from the navigation in empty locations.

Office 365

The connection between the Office 365 dashlet and enaio® webclient in the browser is technically maintained via a 'keepalive' even if the [session timeout](#) has expired. This prevents data loss when working in the Office 365 dashlet in case the connection is terminated.

Service Release 5 / Hotfix 11

The Service Release 5 Hotfix 11 for enaio® webclient contains the following new features in addition to bug fixes:

Scripting: Dashlet and Location Information

The dashlet events [onInit](#) and [onUpdate](#) also output the object ID of the opened location via the new `locationInfo` property.

The [communication library](#) used by the Dashlet API has also been updated.

Service Release 5 / Hotfix 10

The Service Release 5 Hotfix 10 for enaio® webclient contains the following new features in addition to bug fixes:

Setting Up Substitutes

The '*Client: Workflow substitute configuration*' system role is now also taken into account by enaio® webclient. With this role, users can set up workflow substitutes for themselves.

Previously, this was possible for all users without this system role.

Scripting: Write Protection on Tables for Index Data and Workflow Forms

Write protection for tables can be removed using the `enable()` method and for table cells using the `enableCell()` method.

The methods are supplemented by the new optional parameter `keep (boolean)`.

With the parameter `keep (true)`, write protection is only removed if it is not set in the object definition or the workflow model.

The `keep (false)` parameter always removes the write protection. Default: `false`

Service Release 5 / Hotfix 5

The Service Release 5 Hotfix 5 for enaio® webclient contains the following new features in addition to bug fixes:

For table cells with an assigned catalog, the `getCellCatalogInfo()` method returns the currently selected value and information on all catalog entries in addition to the basic information, e.g., the neutral name for multilingual catalogs.

Service Release 5 / Hotfix 4

The Service Release 5 Hotfix 4 for enaio® webclient contains the following new features in addition to bug fixes:

For text fields with an assigned catalog, the method `getCatalogInfo()` returns the currently selected value and information on all catalog entries in addition to the basic information, for example the neutral name for multilingual catalogs.

Service Release 5

Service Release 5 for enaio® webclient contains bug fixes and the following new features:

Discontinuation of the MSI pPackage for the Installation of enaio® webclient as a desktop application

The discontinuation of the MSI package for the installation of enaio® webclient as a desktop application was already announced with Service Release 4.

With Service Release 5, only the NSIS installer `enaio-webclient-app.exe` is available for installation.

Installation Parameters for enaio-webclient-app.exe

Parameter	Function
/S	Silent mode
/CurrentUser	User-specific installation User-specific installations are installed in the following directory: C:\Users\<user name>\AppData\Local\Programs\enaio webclient
/AllUsers	Global installations
/P	Optional application parameters
/D	Target directory for global installation A target directory is required for global installations.

Example: enaio-webclient-app.exe /S /AllUsers /P=--disable-accelerated-2d-canvas /D=C:\enaio\webclient

Note: The target directory for global installations must be specified last.

Profile Distribution

Profile distribution is possible for user-specific installations.


If there is an `init-profiles.json` configuration file in the `enaio-webclient-app.exe` directory, the profiles for connecting and logging in are automatically integrated from the configuration file. The [configuration file](#) corresponds to the previous configuration file for the MSI package.

Profile allocation is possible with global installations.

Keyboard Controls

The options for using enaio® webclient with keyboard commands have been further expanded:

- Accessibility: Dialogs for multi-selection of values (e.g., the hit list configuration) can be navigated using the keyboard. Screen readers provide all information.

- Messages that are displayed to users are displayed longer if users click on them or they can be actively hidden using the **X** icon in the message.
- Accessibility: The scaling in the browser can be changed using keyboard shortcuts: **Ctrl+** or **Ctrl + mouse wheel** for scaling and **Ctrl+0** for 100 percent. Screen readers provide all information.
- Accessibility: The header and the menus of the details preview can be navigated using the keyboard. Screen readers provide all information. Check-out information is displayed in the header.

Service Release 4

Service Release 4 for enaio® webclient contains bug fixes and the following new features:

Discontinuation of the MSI pPackage for the Installation of enaio® webclient as a desktop application

An MSI package was provided for the administrative installation of enaio® webclient as a desktop application for the last time.

With Service Release 4, the NSIS installer `enaio-webclient-app.exe` is available for administrative installation.

If configured accordingly, an NSIS installer is already available for users to download for installation and updating.

The **NSIS** installer `enaio-webclient-app.exe` is located among the installation data in the directory `\Frontend\Webclient-Desktop-App\`.

Profile distribution is possible for user-specific installations, but not for global installations.

Keyboard Controls

The options for using enaio® webclient with keyboard commands have been further expanded:

- In add-ons and in catalogs with simple lists, you can navigate using the keyboard (**Tab** to set the focus on the first entry in the list, the arrow keys to navigate and **Enter** or **spacebar** to select an entry).

- When creating and editing the content of a document object, it is possible to navigate within the **Add content** area in the **Add content** and **Select template** tabs.
- In an open work item, users can activate the **Data sheet**, **File**, **Log** or **Circulation slip** areas using icons instead of a selection list so that screen readers can provide information accordingly.

Service Release 3

Note: Installation of the [DMS service 6.2](#) is also required for Service Release 3.

Service Release 3 for enaio® webclient contains bug fixes and the following new features:

OAuth2 Authentication

enaio® webclient, enaio® webclient as a desktop application, and enaio® mobile users can send links and content via a connected SMTP server with global OAuth2 authentication and Office 365 (Azure).

The `osweb-prod.yml` configuration file has been adapted to include [configuration parameters](#) for this purpose.

For updates, the parameters `featureSwitches.sendEmail.oAuthClientId`, `featureSwitches.sendEmail.oAuthClientSecret`, and `featureSwitches.sendEmail.oAuthTenantId` must be added manually in the `osweb-prod.yml` configuration file. Without OAuth2 authentication, these parameters are not necessary.

enaio® webclient Uses the DMS Service for Object Searches

enaio® webclient and enaio® webclient as a desktop application execute search requests via the DMS service for enaio® starting with version 11.0. This allows users to now also use operators when searching in table fields. enaio® mobile continues to use enaio® appconnector for connections with older enaio® systems.

Keyboard Controls

The options for using enaio® webclient with keyboard commands have been further expanded:

- Users navigate through the quick searches and their search options using the keyboard (Tab, Shift + Tab). The search is started by pressing Enter or the space bar and a screen reader informs the user simultaneously.
- When creating or editing document objects, a clearly visible and focusable button for uploading files is available in the "Add content area" (drop zone), which replaces a simple mouse click.
- In add-ons and catalogs with simple lists, you can navigate using the keyboard (Tab to set the focus on the first entry in the list, the arrow keys to navigate and Enter or spacebar to select an entry).
- At the location of an object, the register tree can be navigated within the navigation area using the keyboard (arrow keys to navigate and Enter or space bar to open the next level).

Service Release 2

Service Release 2 for enaio® webclient contains bug fixes and the following new features:

User add-on

The setting `EXTRA n =GROUPS=GROUP1, GROUP2`, which lists the groups in which the users to be displayed must be contained, is evaluated with the service release.

Entries for the [user add-on](#) and also for the [rights group add-on](#) from the `as.cfg` file are not evaluated.

User Settings

The sliders previously used in the settings have been replaced by checkboxes to enable navigation using the keyboard. Sliders were previously used in the settings tabs **Presence**, **Hit list**, **Offline** and **Inboxes**.

Workflows

The 'Assign work item' function may only be carried out by a process owner. Users require the system role '*Client: Workflow process administration*' (ID 62) or '*WF-Admin: Start*' (ID 20).

Sliders Replaced with Checkboxes

The previously used sliders are replaced by checkboxes to enable navigation using the keyboard. The adjustments were made in the presence, hit list, offline and inboxes areas.

Service Release 1 / Hotfixes 1 and 2

The Service Releases 1 Hotfix 1 and Hotfix 2 for enaio® webclient are service releases for bug fixing.

Service Release 1 for enaio® webclient contains bug fixes and the following new features:

HTTPS for enaio® webclient as a desktop application

With Service Release 1 for enaio® webclient, the Electron framework used in enaio® webclient as a desktop application was also updated. The Chromium browser used by the Electron framework has also been updated. With this Chromium update, the enhanced security measures adopted by all browser manufacturers were also implemented. They are intended to thwart CORS attacks and prevent the transmission of login information via non-encrypted channels in live environments. For this reason, NTLM logins in enaio® webclient as a desktop application are now only supported for encrypted HTTPS connections. For an NTLM login, [enaio® gateway](#) must therefore be configured for HTTPS. Logging in with Basic-Auth via unencrypted HTTP connections is still possible for test purposes.

System Roles for enaio® webclient

New system roles have been introduced for enaio® webclient. Previous configurations of the corresponding functions will become inactive and be replaced by the system roles via `osweb-prod.yml` with Service Release 1 for enaio® webclient.

These new system roles are automatically assigned to all users with the system role 'Webclient: Start' with the update to enaio® version 11.0 .

The Service Release 1 for enaio® webclient results in the following changes:

inactive setting for osweb-prod.yml	System role	ID
<code>featureSwitches.desktop.queries</code>	Webclient: Use saved searches	103

inactive setting for osweb-prod.yml	System role	ID
featureSwitches.desktop.references	Webclient: Use object references	104
featureSwitches.subscription	Webclient: Use subscriptions	105
featureSwitches.followUp	Webclient: Use follow-ups	106
featureSwitches.desktop.enabled The desktop is displayed to users if at least one of the system roles is assigned.	Webclient: Use saved searches	103
	Webclient: Use object references	104
	Client: Show personal recycle bin	33
featureSwitches.desktop.edit	Client: Save personal settings	17
- Previously the history was displayed to all users.	Webclient: Show history	107

User Administration in enaio® webclient

Users are assigned the system roles specified in the `osrest.web.systemroles.properties` configuration file from the `<AppConnectorInstallDir>\configuration` directory via [user management](#) in enaio® webclient. This configuration file is not updated when enaio® appconnector is updated.

You can get a current version of the configuration file through a [download](#).

Hit Lists

The number of currently selected objects and the total number of all objects in a hit list are now displayed in the header instead of in the footer.

Drag-and-drop Functionality when Creating New Documents

The process of filing new documents in enaio® webclient has been simplified. When the filing location is open, individual files or multiple image files can now be dragged from the local file system or from a Windows application into the new drop zone. This eliminates the need for the intermediate steps, which were required previously, such as opening the context menu and calling the command **New**.

Keyboard Controls

It is now possible to use the keyboard for navigation and opening and executing options in the card view, offering an alternative for quick access to objects and their functions in the hit list.

DMS Service

You will find information about the latest service releases of the DMS service here.

Installation

Services are installed via the `os_service-manager_setup.exe` file in the `\Backend\Service-Manager` directory.

Service updates take place via `enaio_services_versionfix.exe` in the `\Backend\Service-Manager-Update` directory.

DMS service 6.5.1

In addition to bug fixes, the service release contains the following new features:

PDF Preview Annotations

[\[GET\]/annotated](#): Documents can be retrieved with preview annotations.

[\[GET\]/annotations](#): The preview annotations of a document can be retrieved.

[\[POST\]/annotations](#): The preview annotations of a document can be created and changed.

[\[DELETE\]/annotations](#): The preview annotations of a document can be deleted.

Full-Text Queries

[Multilingual catalogs](#) are supported in the full-text search on index data forms.

The full-text search can be restricted to specified [objects](#).

[Auto-completion](#) is supported.

.os Files

[\[GET\]/osfile](#): .os files can be retrieved.

GZIP Compression

The JSON payload in the return is compressed using GZIP.

DMS service 6.4.1

This service release a service release for bug fixing.

enaio® webclient requires DMS service 6.4.1 as of Service Release 5 Hotfix 3.

DMS service 6.4

In addition to bug fixes, the service release contains the following new features:

Managing Notes

New endpoints are available for managing [notes](#).

Managing Links

New endpoints are available for managing [links](#).

Full-text Search

The [full-text search](#) now supports facets and parent conditions.

Loading Content Files

[Content files](#) of several objects can be loaded as a ZIP archive or as a PDF file.

DMS service 6.3.1

In addition to bug fixes, the service release contains the following new features:

Search Options

In SELECT queries, the [IncludeNullValues](#) option can be used to exclude objects without a value in the requested field. By default, these objects are included in the hit list.

System Field `system:objectTypeId`

Requests via `system:objectTypeId` also return the internal name in addition to the value. The internal name is specified as `localName`.

Example:

```
"system:objectTypeId": {  
  "value": "262284",  
  "localName": "media"  
}
```

DMS Service 6.2

The service release contains new endpoints, in addition to bug fixes.

Loading Object Definitions

[GET] `/native`: The [endpoint](#) supports the 'If-None-Match' header, which is used to check whether the client already has the latest object definition and therefore does not need to be reloaded.

Deleting Document Versions

[DELETE] `/versionNumber`: The [endpoint](#) enables the deletion of a document version based on the version number. Index data versions cannot be deleted.

Retrieving Document Versions

[GET] `/contents/file`: The [endpoint](#) enables the document version to be retrieved based on the version number. Several image files are transferred as a *.zip archive for image document types.

Restoring Previous Versions

[POST] /actions/restore: The [endpoint](#) enables a specific document or index data version to be restored.

DMS Service 6.1

The service release contains a new endpoint, in addition to bug fixes.

Searching for Versions

The index data history or document history can be activated for object types in enaio® editor.

You can search this data for objects.

[GET] /versions: The [endpoint](#) provides parameters for requesting individual versions and restricting requests to the index data history or the document history. The index data of the current version can be included in the search.

enaio® repository-manager

You will find information about the latest service releases of enaio® repository-manager here.

Installation

Services are installed via the `os_service-manager_setup.exe` file in the `\Backend\Service-Manager` directory.

Service updates take place via `enaio_services_versionfix.exe` in the `\Backend\Service-Manager-Update` directory.

enaio® repository-manager 5.0

The update to enaio® repository-manager 5.0 requires the reinstallation and configuration of services.

Note: enaio® repository-manager 4 can still be used. An update is optional. The update to version 5.0 is necessary for an update to enaio® version 11.10.

With version 5.0, KGS components are no longer used and the ArchiveLink and ILM connections are split into two separate services.

- 'repositorymanager-ilm' service for the ILM connection
- 'repositorymanager-ilm' service for the ArchiveLink connection

If only the ArchiveLink connection or only the ILM connection is used, then only the corresponding service needs to be installed.

The services are installed via enaio® service-manager. They must be configured via the `rmilm-prod.yml` and `rmalink-prod.yml` files.

Note: If the services are installed, they must be fully configured before use.

To migrate, follow the [instructions](#) in the Technical Release Notes for version 11.10.

The [configuration](#) of enaio® repository-manager 5.0 corresponds to the configuration for enaio® version 11.10.

enaio® repository-manager 4.4.3

Note: A secure connection between the SAP system and enaio® repository-manager cannot be established if the certificate is available in the Windows Keystore. The certificate must be available in a PKCS12 file.

To update to version 4.4.3 with the new version of the KGS Content Server, the following steps must be carried out:

- Save the directory `\working-dir\embeddedTomcat\webapps\cs\conf\contentserver\`.
- Exit enaio® repository-manager.
- Delete the `\working-dir\` directory.
- Update enaio® repository-manager to version 4.4.3.
- Start enaio® repository-manager.

The `\working-dir\` directory is recreated.

- Exit enaio® repository-manager.

- Replace the directory `\working-dir\embeddedTomcat\webapps\cs\conf\contentserver\` with the saved directory.
- Start enaio® repository-manager.
- Check the configuration via the [KGS administration page](#).

Without these steps, the configuration must be recreated via the KGS administration page.

enaio® repository-manager 4.4.2

Service Release 4.4.2 is a service release for bug fixing.

The KGS Content Server will also be updated with the new version. To do so, the `\working-dir\` working directory must be emptied and the configuration recreated via the [KGS administration page](#) before starting the service.

enaio® gateway

You will find information about the latest service releases of enaio® gateway here.

enaio® gateway is installed and updated via the file `osgateway_setup.exe` located in the directory `\Backend\Gateway\`.

enaio® gateway 11.0.0.31

To increase security, it is necessary from this version onwards to install all customer-specific and external services, i.e., all services that are not installed via enaio® service-manager, via the [application-prod.yml](#) configuration file of enaio® gateway.

enaio® mail-archive-service

You will find information about the latest service releases of enaio® mail-archive-service here.

Installation

Services are installed via the `os_service-manager_setup.exe` file in the `\Backend\Service-Manager` directory.

Service updates take place via `enaio_services_versionfix.exe` in the `\Backend\Service-Manager-Update` directory.

enaio® mail-archive-service 2.1.5

Service Release 2.1.5 is a service release for bug fixing with the following extensions.

TLS Encryption

Only keystore files of the type JKS or PKCS12 are permitted for TLS encryption. If JKS is used, then the type (that is, JKS) must be specified via the new 'mas-smtp.tls.key-store-type' parameter.

Only one key may be present in the key memory.

enaio® mail-archive-service 2.1.3

Service Release 2.1.3 is a service release for bug fixing with the following extensions.

Field Length of the Folder Names

If the field length of the name for journal folders and user folders in the object definition needs to be increased, then this change to the field length must also be adjusted via the parameters `mas-storage.dms.journal.journal-folder-max-length` and `mail-journaling.enaio.dms.structure.user-folder-max-length` in the `masstorage-prod.yml` configuration file. The default field length is 19 characters.

Folder Indexing of Reference Documents

The e-mail address is used for folder indexing if the configuration values of the `mas.mailbox-related-storage.folder-name-config.property` parameter are not available in the `application-mas.yml` configuration file. Until now, only an error was logged and no folder was created.

Health Check

The `health check` also checks the graph API configuration:

- If the graph API configuration is not valid, then DOWN is displayed as the status.
- If the graph API configuration is not available, however it is required, then DOWN is displayed as the status.



Head Office

Cicerostraße 26

10709 Berlin

Telefon: +49 30 895708-0

kontakt@optimal-systems.de