

WebCenter 23.11 Release Notes

1. Introduction

The WebCenter 23.11 Release Notes provides an overview of the new features and updates in WebCenter 23.11. It only covers the changes since WebCenter 23.07.

Note: WebCenter 23.11 is a “**Long Term Support (LTS) release**”. See the [WebCenter Release Scheme](#) for details before planning an update to WebCenter 23.11.

If you are updating to WebCenter 23.11 from a version prior to WebCenter 23.07, we recommend reading the release notes of all newer versions to get a comprehensive overview of all the latest updates. You can find the Release Notes on the product DVD and the documentation page of WebCenter:

<https://www.esko.com/en/Support/Product?id=WebCenter&ver=23.11>

For System Requirements, see [WebCenter System Requirements - Product overview page](#)

1.1. Highlights of the 23.11 Release

WebCenter 23.11 further builds on the Named Configurations concept introduced in WebCenter 23.03. The WebCenter 23.11 release supports additional configuration items, a much-improved UI, and a new way of explicitly setting boundaries for a configuration.

In the dashboard form builder framework, new functionality ensures that a user is warned if navigation between sections or pages could lead to loss of unsaved changes. For the Tasks dashboard, it is now possible to Save work without completing the task.

In the WebCenter Viewer, a new rendering technology has been added in the CAD – Graphics alignment flow. The new technology offers higher quality rendering and support for assigning material Finishing Profiles - previously only available in the Component flow.

New in Esko SaaS is the direct support for reviewing and annotating the most popular audio formats in the WebCenter viewer. Contact Esko, if you want audio or video review enabled on your Esko SaaS instance after upgrading to WebCenter 23.11.

For Packaging Content Management (option), the major focus has been on faster, more user-friendly rendering of large content sheets. A new rendering more does not only make the page load faster, it also makes it simpler to see where changes were made before submitting a content sheet update.

The Structured Content Management module (option) in WebCenter is further extended with valuable features for authoring, reviewing, and outputting complex packaging data like Leaflets and Instruction for Use documents. The new Assisted Authoring functionality will made it much simpler for a user to correctly use key-value pairs for more reusable content.

For easier enabling a GMP compliant servicing of WebCenter by Esko service technicians, a new Esko Service User SSO module has been added. This change removes the licensing impact of adding service users and also handles the lifecycle of these accounts in an automated way

2. Contents

1.	Introduction.....	1
1.1.	Highlights of the 23.11 Release	1
2.	Contents	2
3.	Release Content.....	4
4.	Licensing and IT Requirements	4
4.1.	Licensing	4
4.2.	IT Requirements.....	4
5.	Knowledge Base	4
6.	New and changed features in WebCenter 23.11	4
6.1.	Dashboard Improvements.....	4
6.1.1.	Prevent losing changes when navigating in Dashboards and Search Results.....	4
6.1.2.	Allowing saving a Task form with validation errors	5
6.1.3.	Improved Layout options for Project/Document/Task Information Fields	5
6.2.	Search Improvements	5
6.2.1.	Ink Search Filters	5
6.3.	Workflow Improvements.....	5
6.3.1.	Copy/Move Document Node: Ignore Autonaming	5
6.3.2.	Select Document Node: increased performance	5
6.3.3.	Advanced Logging for InDesign Tasks	5
6.4.	Viewer Improvements.....	5
6.4.1.	CAD - Artwork flow improvements	5
6.5.	Review and Approval	6
6.5.1.	Audio Support (Esko SaaS Option).....	6
6.6.	Configuration Management.....	6
6.6.1.	Project/Template Configuration Support.....	6
6.6.2.	Approval Setup Support	6
6.6.3.	Project/Template Permission handling.....	6
6.6.4.	Details of an item in a Named Configuration	6
6.6.5.	Allow limiting the extent of a Named Configuration through Boundaries.....	6
6.6.6.	Customization Language handling improvements	7
6.7.	Assisted Quality Control	7
6.7.1.	Send multiple reference files to Inform CC	7
6.8.	ColorTrace Improvements.....	7
6.9.	Packaging Content Management.....	7
6.9.1.	New, faster Text Content View mode in Dashboards	7
6.9.2.	Optimized loading of Text Content using Global Permissions in Dashboards.....	7
6.10.	Structured Content Management	8
6.10.1.	Granular Mapping as a Reviewer.....	8
6.10.2.	Launch Granular Mapping from an Artwork Template	8
6.10.3.	Edit an Output Template	8
6.10.4.	Output Classes.....	8
6.10.5.	Indicator: Out of Date Reference / Content Unchanged	8
6.10.6.	Quick Update Content References	8
6.10.7.	Assisted Authoring: Key Values	9
6.11.	Security Settings	9
6.11.1.	Prevent User deletion security setting.....	9
6.11.2.	Prevent User renaming security setting	9
6.11.3.	Prevent modifying 'Include in Project History' Notification settings	9
6.12.	Esko Service Users	9
6.13.	Integration Improvements	10
6.13.1.	WebCenter SDK extensions	10
7.	Installation and Deployment changes	10
7.1.	Deprecation of older Microsoft Server and Microsoft SQL Server versions	10
8.	Additional Upgrade notes	10
8.1.	Search Index Rebuild required.....	10
8.2.	Installation of Esko Studio Finishing Profiles	10
9.	Known Limitations	10
9.1.	No support for mirroring CAD file when creating a CAD – Graphics 3D view	10

WebCenter 23.11 Release Notes

- 9.2. When creating a 3D view from Graphics and CAD, selecting a finishing profile is mandatory 10
- 10. Solved customer issues 10
- 10.1. List of resolved Customer issues in WebCenter 23.07 10

3. Release Content

The release media of WebCenter 23.11 includes:

- The WebCenter 23.11 DVD (November 2023) that includes WebCenter 23.11 and ArtiosCAD 23.07 Enterprise installers ¹⁾²⁾³⁾.
- Esko Software 23.11 (November 2023) Engines Software Installation DVD with Automation Engine 23.11.
- WebCenter Release Notes (this document is also available on the installation DVD)
- ArtiosCAD Enterprise and WebCenter Documentation (PDF format).

- 1) *An update to ArtiosCAD 23.07 Enterprise build 2334 or later is mandatory for WebCenter 23.11 (on the application server only).*
- 2) *An update of the License Manager (installed from the ArtiosCAD installer) is mandatory when updating from WebCenter 23.07 or older.*
- 3) *Installation of boards and ArtiosCAD defaults is mandatory to work correctly with CAD documents in WebCenter.*

4. Licensing and IT Requirements

4.1. Licensing

WebCenter 23.11 requires WebCenter 23 licenses. You must install **ArtiosCAD 23.07** and the new licensing components that come with this installation. Both the Local License Manager and the Network License Manager must be updated.

4.2. IT Requirements

See section 7.1 for changes to supported Server versions.

5. Knowledge Base

You can use the Esko Knowledge Base to find articles containing tips & tricks to Esko-related products.

Esko Knowledge Base (all products):

<https://www.esko.com/en/Support/Documentation/>

All articles related to WebCenter:

<https://www.esko.com/en/Support/SearchResult?product=WebCenter&Keyword=WebCenter>

To limit your search, edit the Knowledge Base Search field to contain both WebCenter and your criteria. The special keywords AND and OR can be used with brackets and wildcard characters (? and *) to refine the search.

6. New and changed features in WebCenter 23.11

6.1. Dashboard Improvements

6.1.1. Prevent losing changes when navigating in Dashboards and Search Results

We now protect the user from losing unsaved information when navigating in Dashboard forms or Search results. Every action that could cause loss of information (navigate away, close Drill Down section, change search filters, deselect items shown in a details panel, ...) is protected with extra checks. The user is notified about the possible loss of information and can prevent this by saving, cancelling the action or continue without saving.

6.1.2. Allowing saving a Task form with validation errors

It is possible to save intermediate work in a Task Dashboard form when there are validation errors. It is not allowed to complete tasks if there are validation errors.

6.1.3. Improved Layout options for Project/Document/Task Information Fields

When adding a Project/Document/Task Information field, the default layout option has changed to "multiple lines". We renamed the Layout Option "Default" to "inline", to make it clearer how the field would be rendered.

6.2. Search Improvements

6.2.1. Ink Search Filters

You can now configure a search to show Ink information for Graphic and Image files in search results. Users can choose to display a list of Inks, the number of Inks or the number of Printed Inks in the document by checking their respective View checkbox on the search filters. When configuring a Search Results Dashboard these three options are also be available as facets.

6.3. Workflow Improvements

6.3.1. Copy/Move Document Node: Ignore Autonaming

When using the "copy" option in the Copy/Move Document Node it is now possible to ignore the autonaming options configured in the target project. This can be done by turning on the "Ignore Automatic Document Naming settings in target Project" option in the node.

6.3.2. Select Document Node: increased performance

The speed of execution when using the Select Document Workflow Node is greatly increased whenever the filename field only uses simple matching patterns including smart names, lowercase letters, uppercase letters, and even simple wildcards like asterisks.

6.3.3. Advanced Logging for InDesign Tasks

Users can now choose to always create the debug ZIP when running the Apply Content in InDesign, Extract InDesign Elements or Export InDesign to PDF tasks by checking the "Always Create Debug ZIP" option. With this option checked the system will generate the Debug Zip regardless of whether an error occurred. This can be used to help users diagnosing problems in their output which did not actually throw an error.

6.4. Viewer Improvements

6.4.1. CAD - Artwork flow improvements

The library that is being used for 3D generation in the CAD - Artwork alignment flow has been upgraded. This means that you'll see the following improvements:

- The quality of the 3D view of the aligned CAD and artwork files is greatly improved.
- It is now possible to select a (Studio) finishing profile for better mimicking material characteristics in the 3D view.
- A 3D view can be created also for page 2 and later in a multi-page PDF document.

See section 9.1 and section 9.2 for known limitations of this solution.

6.5. Review and Approval

6.5.1. Audio Support (Esko SaaS Option)

Users can now upload FLAC, MP3, PCM, OGG, OGA and WAV files to WebCenter for approval. When a file of one of these types is uploaded to WebCenter it will be converted into an MP4 and be available to review and approve within the Esko Viewer. This will use a similar experience to Video Approval with the exception that there is only audio data in the container.

6.6. Configuration Management

6.6.1. Project/Template Configuration Support

Following Project/Template configuration can now be indexed, compared, and migrated:

- Document Types
- Landing Page
- Document Creation
- Document Rendering
- Rules
- Project Statuses
- Notifications
- Project Workflow Connection Setup

6.6.2. Approval Setup Support

The approval setup for Projects, Templates, Folders, and Documents is now compared when doing comparison in System Compare or Named Configuration Compare.

Migration of Project/Template and Folder approval setup is possible through Named Configurations. Migration of started approval setups or approval setups with users is not possible, they are skipped during migration. Migration of document approval setup is not yet supported through Named Configurations.

6.6.3. Project/Template Permission handling

Comparison of Project/Template Permissions is now clearer.

When a group assignee is configured in Project/Template Permissions, it won't be cleared out or overwritten on import.

6.6.4. Details of an item in a Named Configuration

The Named Configuration page now shows more details on items part of the configuration. You can see which dependencies an item has, and which other items are referring to it.

6.6.5. Allow limiting the extent of a Named Configuration through Boundaries

By default, WebCenter will find all needed dependencies for items in the Named Configuration. This could lead to Named Configurations containing undesirable items that are not relevant to that Configuration.

If you need to migrate or compare a specific process/flow in your system, you need tools for limiting the extent of your Named Configuration. With boundary setting it is possible to limit what is part of your Named Configuration.

When inspecting a Named Configuration, you can now exclude items and mark them as boundaries of the configuration. The list of excluded items becomes part of your named configuration.

Whenever the system reaches such an excluded item, it will stop processing and not follow its dependencies:

- **Export:** excluded items and their dependencies are not exported.
- **Import:** excluded items and their dependencies are not imported; you can only import the Named Configuration if the excluded items of the named configuration are available on the target system.
- **Comparison:** When comparing items referencing an excluded item, comparison will only happen by name. No deeper comparison will be done for these items.
- **Audit Trail:** audit trail entries for excluded items and their dependencies are not listed.

6.6.6. Customization Language handling improvements

When applying a theme/resetting to default the languages are no longer overwritten. This means that you won't lose your custom language and/or language labels when switching between themes.

6.7. Assisted Quality Control

6.7.1. Send multiple reference files to Inform CC

Users can now send multiple references files when launching the Inform CC Assisted Quality Tool from WebCenter.

6.8. ColorTrace Improvements

The following improvements to the ColorTrace solution are included in WebCenter 23.11:

- Information about the PantoneLIVE connection status is now available in the color import details section (Asset Management Connection details page). Colors/books are not removed from the system in case there was an error in the PantoneLIVE connection during the regular Update operation. Colors/books are removed from the system in case Force Update is triggered.
- Updated CCAT (ColorCert Automation Tool) to version 2023.9 build 4.

6.9. Packaging Content Management

6.9.1. New, faster Text Content View mode in Dashboards

A new simplified view is available for Content Sheet in Dashboard, this view initially loads the content sheet in a preview mode that only shows necessary information like the text, approval status, warning icon (if applicable), and a comment icon (if added) which helps in reducing the rendering time. Only when the user clicks inside the view, it loads the actual editor and user can start interacting with the widget.

If there are actions that affect multiple widgets, such as inheritance or auto-translation, only the affected widgets will be converted into an editable view.

This view can be enabled by using the new option "Show Edit UI on Load" available in the Dashboard configuration for a Document Reference Attribute. By default, the existing editable view is enabled.

In addition to offering the new, faster content sheet display mode, this WebCenter version brings additional optimizations in the content rendering that has been seen to save 20 - 40% of the initial content sheet load time.

6.9.2. Optimized loading of Text Content using Global Permissions in Dashboards

The size of global permission data has been reduced by eliminating duplicate permission data which has a minor enhancement in the data loading.

6.10. Structured Content Management

6.10.1. Granular Mapping as a Reviewer

Structured Content Reviewers can now use the Granular Mapping module to map structured content to an InDesign Template. This will allow companies to allow users to make Artwork while preventing that user from changing Structured Content.

6.10.2. Launch Granular Mapping from an Artwork Template

If a user launches a DITA Map from a reference within an Artwork Template the Granular Mapping tab will have that Artwork Template loaded by default. This makes working with Granular Mapping much easier as you will not need to search for the Artwork Template you wish to map to.

6.10.3. Edit an Output Template

Output Templates which were created for WebCenter 23.11 or later will allow Styles, Page Layout options, Headers, and Footers to be easily modified and deployed by a Solution Architect.

6.10.4. Output Classes

The following output classes are now core WCR implementations and can be rendered by Output Templates created for WebCenter 23.11 or later:

- Center Text
- Greyscale
- Header 3
- Header 4
- Header 5
- Highlight – Red
- Indent
- Page Break
- Renumber
- Suppress Numbering
- Suppress Title
- Unordered List Style - Bullet
- Unordered List Style - Hyphen
- Unordered List Style – Triangle
- Warning Icon – Filled
- Warning Icon - Transparent

Output Classes define how Content will be formatted when a DITA document is transformed into Microsoft Word format.

6.10.5. Indicator: Out of Date Reference / Content Unchanged

To enable users to place similar referenceable pieces of content in the same document we have enabled a new indicator which will inform a user that whereas the document being referenced is not the latest version the actual content being referenced has not changed. This will allow users to be aware that they are pointing to an old document but not have to worry about updating as the content in that document they are referencing contains to change.

6.10.6. Quick Update Content References

Users will now be able to see all Content References that have a status within the loaded document from a new Tab. From this Tab users can choose to update to a newer or accept the current content version for any individual content reference, the same instance of the content

reference within the whole document or all content references within a topic. The intent of this feature is to make it easier to know what content references need your attention and enabling the user to be able to apply the same decision to multiple content references.

6.10.7. Assisted Authoring: Key Values

Structured Content Editors who have purchased the Content Quality Module can now see if any content in their document can be replaced with a Key Value. Content which could potentially be replaced with a key will be highlighted. Users will be able to click on the content and choose the key. This will allow editors to increase the level of reuse within a document.

6.11. Security Settings

6.11.1. Prevent User deletion security setting

In WebCenter 23.11 a security setting was introduced that disables the ability to delete a User from WebCenter. This setting is disabled by default, to enable it you must run the following query on your database.

```
INSERT INTO webcenter.Profile_Defaults (DefaultName, Value)
VALUES('WC_PHARMA_PREVENT_USER_DELETION','1')
```

6.11.2. Prevent User renaming security setting

In WebCenter 23.11 a security setting was introduced that disables the ability to rename a User in WebCenter. This setting is disabled by default, to enable it you must run the following query on your database.

```
INSERT INTO webcenter.Profile_Defaults (DefaultName, Value)
VALUES ('WC_PHARMA_PREVENT_USER_RENAME','1')
```

6.11.3. Prevent modifying 'Include in Project History' Notification settings

In WebCenter 23.11 a security setting was introduced that disables the ability to modify the "include in Project History" settings in WebCenter. This setting is disabled by default, to enable it you must run the following query on your database.

```
INSERT INTO webcenter.Profile_Defaults (DefaultName, Value)
VALUES ('WC_PHARMA_FREEZE_PROJECT_HISTORY_SETTINGS','1')
```

6.12. Esko Service Users

A Service User is a new user type in WebCenter that was added to improve the access and management of Esko Support users.

- Users of this type can only be authenticated through an Esko managed Single Sign-On (SSO) instance. Esko will take ownership of removing access for employees no longer in the company, or no longer in a function that requires customer system access.
- Users of this type will not take up a license in WebCenter but will be tracked as any other user in audit trails.
- Users of this type will be deactivated automatically 24 hours after their last login.

By default, this type of user will be enabled for Esko SaaS systems, but customers can opt out if they do not want to take advantage of this functionality.

6.13. Integration Improvements

6.13.1. WebCenter SDK extensions

- GetDocumentHistory.jsp has been extended to support forwarded approvals. When executed with approvalinfo=1 parameter, new XML tags <is_forwarded_approver>, <forwarded_by> and <active_approver> are included in the XML output.
- Flexible Admin rights are now considered for SDK calls.

7. Installation and Deployment changes

7.1. Deprecation of older Microsoft Server and Microsoft SQL Server versions

Support for Microsoft Server 2012 (all variants) and Microsoft SQL Server 2012 and Microsoft SQL Server 2014 will stop from the next version of WebCenter. It is recommended to plan an upgrade already now to a later server and/or database version.

8. Additional Upgrade notes

8.1. Search Index Rebuild required

Note: When upgrading to WebCenter 23.11, a full search index rebuild is required to ensure that all searches will continue to work as expected.

8.2. Installation of Esko Studio Finishing Profiles

To work with 3D CAD-Graphics in the WebCenter 23.11 Viewer, it is now mandatory to install Esko Studio Finishing Profiles as part of the WebCenter installation/upgrade.

9. Known Limitations

9.1. No support for mirroring CAD file when creating a CAD – Graphics 3D view

The new CAD - Graphics implementation in the WebCenter 23.11 Viewer does not support creation of a 3D view with graphics overlay if the CAD file is Mirrored compared to the Graphics file.

9.2. When creating a 3D view from Graphics and CAD, selecting a finishing profile is mandatory

To take advantage of the new, higher quality 3D module described in section in 6.4.1, a Finishing Profile will need to be selected by the user in the viewer. This means a slightly more complex setup, but the benefits on quality should outweigh this. As a consequence, to work with 3D CAD-Graphics in the WebCenter Viewer, it is now mandatory to install Esko Studio Finishing Profiles as part of the WebCenter installation/upgrade.

10. Solved customer issues

10.1. List of resolved Customer issues in WebCenter 23.07

JIRA Number	CS Number	Comment
WCR-57844	CS01564982	Private WebCenter SDK call GetGenericEntities.jsp has new parameters "curpage" and "pagesize" added. It controls amount of task types returned by one call.
WCR-61001	CS01615597	Fixed issue that caused warnings in the viewer no not be shown

JIRA Number	CS Number	Comment
WCR-63909	CS01643247	Improved behavior of opening/refreshing the search results page with invalid search syntax in a design panel filter. We now make sure the design panel filter stays visible after refreshing so you can correct the problem in the filter.
WCR-68020	CS01643574	Fixed issue with duplicate rows in searchable list dropdowns
WCR-63960	CS01647114	Fixed issue display of Compare Distortion button
WCR-65859	CS01651110	Performance optimization for searching on projects with a group as a project manager when the current user is part of a lot (100+) of groups
WCR-65192	CS01659303	Improvements made to annotation rendering
WCR-66805	CS01660381	Improved behavior of non-breaking spaces in Search. Non-breaking spaces are no longer considered a special character, but just a normal space. You need to rebuild the search index to have the improved behavior for existing items
WCR-66255	CS01663672	Fixed issue were renaming a document with the workflow copy/move node did not update the "Referenced by" filter in Search, when searching on that document name.
WCR-66150	CS01665555	Improved clean-up of views directory.
WCR-65653	CS01667371	Improvements made to annotation rendering
WCR-66760	CS01670152	Workflow task option "Update the Task if existing" will not update empty task specification values.
WCR-66436	CS01671769	The Font type CHILI variables are now supported in the CHILI Side-by-Side preview integration. The Font variable will be updated when it's matching with the Content/Attribute
WCR-66514	CS01672373	Fixed issue with Firefox spinner buttons overlapping text for numeric inputs in viewer (difference threshold controls)
WCR-66497	CS01673101	Fixed the bug that prevented reference properties assigned using the create project workflow node by filling in the reference property name in the attributes tab
WCR-66381	CS01676704	When force-rejecting with a user that already made an approval on the document, the force rejection is not showing up in search. This is fixed. Also, when force-approving as a user that did not approve yet, the original approval in search will not be removed, but become canceled.
WCR-66437	CS01678617	Assigning groups to the newly created project, using the attribute tab of the create project workflow node now works again for groups with special characters like ß in their name
WCR-66712	CS01681020	ColorTrace: Save Document Colors in Attributes workflow could fail for some old Esko PDF documents.
WCR-66668	CS01682105	"!" was appearing twice due to some issue in SDK flow, now it appears as it should be.
WCR-66842	CS01684888	Fixed the Aspose_to_pixel ticket to no longer delete the input file when the input file is stored on NTFS
WCR-67726	CS01692583	Updating to a new theme or restoring the default theme will not remove the MS Office file viewing configuration from the customizationConfig.xml.
WCR-67894	CS01693295	In 23.07 forwarded approvals are not cleared from the user to-do list when an approval cycle is stopped/finished. This is fixed for 23.11.
WCR-67956	CS01694197	Fixed an issue where options in list cascading are shown in the wrong category
WCR-67958	CS01695246	Fixed issue where search panels would show system attribute name even if custom label is defined
WCR-68079	CS01697358	Fixed a problem in the handling of view data in S3 during the regenerating of view files
WCR-68069	CS01697679	Measure tools now work correctly when in Deep Zoom mode

WebCenter 23.11 Release Notes

JIRA Number	CS Number	Comment
WCR-68160	CS01698798	Fixed issue where search panels would show system attribute name even if custom label is defined
WCR-68175	CS01699247	WebCenter SDK calls to get document and project thumbnails now close opened session in all cases.
WCR-68267	CS01699613	Fixed issue where text selection is not possible when using a column layout on my work pages
WCR-68263	CS01701406	Fixed an issue where a message is shown talking about an error in a "Previewer" when working in Dashboard forms.
WCR-68471	CS01702375	If a Template is configured to serve as a Document Library (Document Templates Project configuration), an error is shown when opening the page, or when saving a new Template selection.
WCR-64904	CS01660291	Made it possible to generate a 3D view in the web viewer for each page in a multi-page PDF document
WCR-67279	CS01678432	Allow to increase timeout for uploading reports from assisted QA tools
WCR-68515	CS01705629	The timeout configured for an External API call also will be used to make connection, fixing an early timeout issue in some External API connection executions
WCR-66635	CS01673325	Fixed an issue where view files were not correctly generated for files imported from a DAM system through dashboards
WCR-60371	CS01598234	Fixed issue where MediaBeacon Asset Management browser in WebCenter was not opening the requested workspace.
WCR-68943	CS01706896	XML returned by GetDocumentHistory.jsp SDK call now contains information about forwarded approvers and their approval actions too.
WCR-68539	CS01702637	Issue with text content not being saved correctly if editor is entered/exited with the TAB key.
WCR-69196	CS01714642	Approval PDF was no longer supporting Chinese characters.