

OpenText AppEnhancer

Release Notes

22.2

Product Released: 2022-05-23

Release Notes Revised: 2022-05-10



Caution

Cautions help you avoid irreversible problems. Read this information carefully and follow all instructions.



Important

Important notes help you avoid major problems.



Note

Notes provide additional information.



Tip

Tips suggest quicker or easier ways of performing a task.

Contents

Contents	3
1. Introduction	5
1.1. Release Notes revision history	5
1.2. About AppEnhancer	5
2. New Features	5
2.1 Product Rebranding.....	5
2.2 Core Signature Integration	5
2.3 AppWorks Integration	5
2.4 Component Registration Wizard.....	6
2.5 Docker Images.....	6
2.6 Administrator.....	7
2.7 Web Access.....	7
2.8 Indexing Service	7
3. Discontinued and deprecated features	7
3.1. ApplicationXtender Desktop Components.....	7
3.2. Utility Service	8
3.3. File Access Manager	8
3.4. iSubmitQuery Interface	8
4. Packaging and documentation	9
5. Supported environments and compatibility	9
5.1. Hardware Requirements	9
5.1.1. License Server	9
5.1.2. Web Access Server	10
5.1.3. Rendering Server.....	10
5.1.4. Web Services.....	10
5.1.5. Rest Services.....	10
5.1.6. xPlore full-text engine	11
5.1.7. Administrator.....	11
5.1.8. All other AppEnhancer Services	11
5.1.9. Operating System support	12
5.1.10. Browser support.....	12
5.1.11. Database support.....	13
5.1.12. Database Driver support.....	13
5.1.13. Third-party component support.....	14
5.1.13.1 Distributed third-party components.....	14
5.1.13.2 Tested third-party components	15
5.1.14. Language support.....	16

6. Fixed issues	17
7. Known issues	20
8. Contact information	21

1. Introduction

These Release Notes provide an overview of AppEnhancer 22.2, including new features, delivery information, and supported platforms.

OpenText recommends that you read these Release Notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

We also recommend that you check OpenText My Support (<https://support.opentext.com>) for any patches or documentation updates that may have been posted after the initial release of this product.

1.1. Release Notes revision history

Revision date	Sections revised	Description of revisions
2020-05-16	First release.	All new content.

1.2. About AppEnhancer

OpenText™ AppEnhancer is a business content management system that scans, stores, retrieves, and preserves information while providing role-based access from nearly any device or web browser. AppEnhancer meets the demands of Line-of-Business applications while being enterprise-ready for broader implementations both on and off premises.

2. New Features

The following list highlights new features and enhancements in AppEnhancer 22.2. For further details on these and other product features, please refer to the AppEnhancer product documentation.

2.1 Product Rebranding

OpenText ApplicationXtender (AX) products are now rebranded to OpenText AppEnhancer (AE).

2.2 Core Signature Integration

AppEnhancer 22.2 provides direct integration with OpenText Core Signature

- Core signature can now be used with AppEnhancer documents for signature, approval, notification, etc.
- AppEnhancer can now archive documents from Core Signature workflows and events.

2.3 AppWorks Integration

AppEnhancer 22.2 Brings full feature parity with the legacy WFM engine's viewer and document management capabilities with deeper integration into AppWorks

- Support for AE native viewer.
- Improved document handling.
- Streamlined metadata management via simplified REST resources.

2.4 Component Registration Wizard

The Component Registration Wizard has been updated to enable scripted installations and container-based deployments of AppEnhancer 22.2.

- Full CLI functionality for component registration.
- Improved validation error messages.
- Improved component list details in wizard forms.

2.5 Docker Images

In addition to the traditional windows MSI installation packages, AppEnhancer 22.2 includes Docker images for deployment of selected AppEnhancer components using the Docker container runtime.

The following images are included in AppEnhancer 22.2:

Web Administrator

- Image Tag: 22.2.0.0
- Name: ae-webadministrator
- Version: 22.2.0.0

Web Access

- Image Tag: 22.2.0.0
- Name: ae-webaccess
- Version: 22.2.0.0

Render Server

- Image Tag: :22.2.0.0
- Name: ae-renderserver
- Version: 22.2.0.0

REST

- Image tag: 22.2.0.0
- Name: ae-rest
- Version: 22.2.0.0

Web Services

- Image Tag: :22.2.0.0
- Name: ae-webservices
- Version: 22.2.0.0

Note



AppEnhancer 22.2 is the first release to include Docker images, introducing a significant change in deployment capabilities for the platform. Docker images and traditional MSI-installed applications can coexist as registered components of the same AppEnhancer environment. Not all components are available as of 22.2; however, OpenText is committed to providing images for all AE components in future updates, with new images being released upon availability.

- License Server, Administrative Services, and the Indexing Service are not included as Docker Images in AE 22.2 GA.
- Docker images are published to the public OpenText Docker registry.
 - Use the OpenText public Docker registry at registry.opentext.com to download OpenText Docker Images.
 - Images are tagged for version (see image list above) to provide easy availability of updates.
- The Docker-based Administrator cannot be used to create AE demo databases.
- Component configuration operations, registration, and troubleshooting are now CLI-based and require knowledge of Docker and command-line operations for Windows servers and containers.

Please refer to the OpenText Product Documentation and support knowledgebase or contact OpenText technical support for further details on Operating AppEnhancer in a Docker environment.

2.6 Administrator

Server management

- Added configurations for the Indexing Service.
- Added configurations for the Core Signature integration.

Application management

- Added queue management for the Indexing Service.
- Monitoring
- Added monitoring for the Indexing Service.

2.7 Web Access

Core Signature Integration

- Added options for “Sign Document” under Document operations.
- Added options for “New Sign Document from Template” under Query Results Page.
- Added “Core Signature” configuration section in user settings for user configuration.

2.8 Indexing Service

- The Indexing Service replaces the desktop-based Index Agent.
 - Service now available in Component Registration Wizard.
 - Service configuration and monitoring now available in Administrator.
- Improved Queue management
 - Queue management now integrated into Administrator.
- Improved Deployment
 - Moved Deployment Packages from Desktop to Administrative Services.

3. Discontinued and deprecated features

3.1. ApplicationXtender Desktop Components

Note

AppEnhancer 22.2 does not include a desktop installation package for the traditional Windows desktop client and the components contained within it. Customers who desire to continue using the following Desktop Components may do so with AppEnhancer 22.2 environments.; however, they must use the previous release of the platform (20.4), as that is all that OpenText has tested and validated for support with 22.2:

- Document Manager
- Admin Wizards (Index Image Import, Migration, Key Reference, Archive)
- Auto Retention Filer
- Retention Policy Manager

3.2. Utility Service

Utility Services are no longer distributed as part of AppEnhancer Web Services (SOAP) and have been replaced with modern AE services (REST) leveraging integrations with ADFS and OTDS, as well as support for OAUTH and SAML. Custom Authentication Management (CAM) .NET extensions are no longer supported in AppEnhancer 22.2.

3.3. File Access Manager

File Access Manager service is no longer distributed in AppEnhancer. This service facilitates connectivity to EMC Centera storage systems. Customers using Centera systems must migrate to supported storage platforms prior to upgrading to AppEnhancer 22.2

3.4. iSubmitQuery Interface

The iSubmitQuery interface is deprecated in the AppEnhancer 22.2 release. Users leveraging the iSubmitQuery interface are advised to consider leveraging the AppEnhancer REST service to perform these operations, as it will be removed in a future release.

4. Packaging and documentation

Downloads and documentation for AppEnhancer are available on OpenText My Support (<https://support.opentext.com>).

Note



Documentation that is installed with the product or packaged with the product download is current at the time of release. Documentation updates made after a release are available for download on OpenText My Support (<https://support.opentext.com>).

5. Supported environments and compatibility

This section provides details about supported platforms, systems, and versions.

Note



- A product configuration running on a particular environment is supported if versions of the components in the environment (for example, operating system, database, web server, browser, security provider and so on) are in standard/primary support by their vendors.
- All certifications provided in this document are relevant to the current release. Certifications for patches are documented in the Patch Notes documents published for the patch releases.
- Software requirements are listed with release numbers. Software updates—including patches, Service Packs, and equivalent updates—sometimes introduce unanticipated changes. Compatibility with software updates that are not listed here cannot be guaranteed.

5.1. Hardware Requirements

This section identifies minimum hardware requirements for use with AppEnhancer components.

Note



Use the minimum requirements specified in the table or the minimum CPU and RAM required to run the operating system, whichever is higher.

5.1.1. License Server

The minimum system requirements for the operating systems supported by License Server are sufficient for running License Server.

5.1.2. Web Access Server

Requirement	Details
Processor	<ul style="list-style-type: none"> • 3.1 GHz or higher (recommended) • Dual or quad processors recommended for high-volume deployments
Memory	<ul style="list-style-type: none"> • 8 GB of RAM (recommended)

Note



IIS must be installed before the Microsoft .NET Framework.

5.1.3. Rendering Server

Requirement	Details
Processor	<ul style="list-style-type: none"> • 3 GHz or higher (recommended) • Dual or quad processors recommended for high-volume deployments
Cache disk space	On the computer where the AppEnhancer Rendering Server cache resides, enough free space must be reserved to accommodate the total file size of all files that the AppEnhancer Rendering Server is intended to process. For example, if the AppEnhancer Rendering Server is used to process 10,000 files averaging 100 MB each, you must reserve 10 GB of dedicated space on the shared drive.
Memory	<ul style="list-style-type: none"> • 8 GB of RAM (recommended)

5.1.4. Web Services

Processor	<ul style="list-style-type: none"> • 3.1 GHz or higher (recommended) • Dual or quad Intel Xeon processors recommended for high-volume deployments
Memory	<ul style="list-style-type: none"> • 8 GB of RAM (recommended)

5.1.5. Rest Services

Requirement	Details
-------------	---------

Processor	<ul style="list-style-type: none"> • 3.1 GHz or higher (recommended) • Dual or quad Intel Xeon processors recommended for high-volume deployments
Memory	<ul style="list-style-type: none"> • 8 GB of RAM (recommended)

5.1.6. xPlore full-text engine

Requirement	Details
Processor	2 or more
Disk space	3.2 GB to install, 3 GB to run
Memory	<ul style="list-style-type: none"> • 4 GB + 8 GB SWAP or • 8 GB + 4 GB SWAP

Note



- Disable compression for NTFS drive.
- The Documentum xPlore Release Notes provides more information about the xPlore full-text engine system requirements.

5.1.7. Administrator

Requirement	Details
Processor	<ul style="list-style-type: none"> • 3 GHz or higher (recommended)
Memory	<ul style="list-style-type: none"> • 4 GB of RAM (recommended)

5.1.8. All other AppEnhancer Services

Requirement	Details
Processor	<ul style="list-style-type: none"> • 3.1 GHz or higher (recommended) • Dual or quad processors recommended for high-volume deployments
Memory	<ul style="list-style-type: none"> • 8 GB of RAM (recommended)

5.1.9. Operating System support

Operating System	AppEnhancer Administrator, Web Access Server, Rendering Server, Web Services, and	License Server	EDB/WIM
Windows Server 2016	Y	Y	Y
Windows Server 2019	Y	Y	Y
Windows Server 2022	Y	Y	Y
Hyper-V	Y	Y	N
VMware	Y	Y	N



Note

AppEnhancer Administrator can be installed only on a 64-bit server.

5.1.10. Browser support

Browser	AppEnhancer Administrator, Web Access
Firefox for Windows & Mac	Y
Chrome for Windows & Mac	Y
Microsoft Edge for Windows	Y
Safari for Mac	Y

5.1.11. Database support

Database	Versions
Microsoft SQL Server	2016
	2017
	2019
Microsoft SQL Server Express	2016
	2017
Oracle	18c
	19c
MySQL	5.7 x86
	5.7 x64
	8.0 x86
	8.0 x64

5.1.12. Database Driver support

Database	Drivers
Microsoft SQL Server	<ul style="list-style-type: none"> • Microsoft OLE DB Provider for SQL Server • Microsoft ADO.NET Provider for SQL Server • Microsoft SQL Server Native Client
Oracle	<ul style="list-style-type: none"> • Oracle Provider for OLE DB • Oracle Data Provider for .NET (ADO.NET Provider) <p>Note:</p> <ul style="list-style-type: none"> • Oracle Provider for OLE DB is for 32-bit desktop applications. • Oracle Data Provider for .NET is for Web Access and Administrator. • You must install an Oracle ODAC driver
MySQL	<ul style="list-style-type: none"> • Microsoft OLE DB Provider for ODBC Drivers • MySQL Connector/ODBC 8.0.21 (MyODBC) • MySQL Connector/Net (ADO.Net Provider) 8.0.21

5.1.13. Third-party component support

The following sections list distributed and supported third-party components.

Distributed third-party components

Third-party component	AE Web Access, Administrator	AE Web Services, REST Services
Adobe PDF Library 18.0	Y	N
Microsoft .NET Framework 4.8	Y	Y
Microsoft Data Access Components (MDAC) 2.5 SP3 and 2.8	Y	N
Microsoft Windows Installer (MSI) 3.1, 4.0, 4.5 or 5.0	Y	Y
Microsoft XML 6.0(SP1)	N	N
Oracle Outside in HTML Export 8.5.4	Y	N

Third-party component	AE Web Access, Administrator	AE Web Services, REST Services
Oracle Outside in Viewer 8.5.4	Y	N
Microsoft Enterprise Library 5.0	N	N
Microsoft Smart Client Software Factory April 2008 Release	N	N
Microsoft Exchange Server MAPI Client and Collaboration Data Objects 1.2.1	Y	N
OpenText Capture Recognition Engine CE 20.4	N	N
OpenText Captiva Cloud Toolkit 3.0	Y	N

Tested third-party components

The following table lists third-party applications that have been tested by OpenText or by the vendor for compatibility with AppEnhancer 22.2. If an integration package is required for any of the third-party applications, you will need to purchase the integration package separately. Operating systems supported by AppEnhancer might not be supported by these third-party components.

Category	Third-party application	AE Web Access, Administrator	AE Image Capture
Document viewing	Adobe Acrobat Reader DC	Y	N
Full-text indexing	OpenText Documentum xPlore 20.2	Y	N
Scanning	OpenText Captiva PixTools 8.5 SP1	N	Y
Remote access	Microsoft Windows Terminal Server 2016, 2019	N	N
	Citrix XenApp 7.15	N	N
Security provider	Microsoft Active Directory Services 2016, 2019	Y	N
	CAS (3.4.12)	Y	N

Category	Third-party application	AE Web Access, Administrator	AE Image Capture
	ADFS (3.0)	Y	N
	OpenText Directory Services (OTDS)	Y	N
Microsoft Office	Microsoft Office 365	Y	N

Note



Secure paths on EMC Isilon Devices are supported.

5.1.14. Language support

AppEnhancer is currently localized in the following languages.

Component	Languages						
	EN	DE	PT	FR	IT	ZH	ES
AppEnhancer Web Access	B	UI	UI	UI	UI	UI	UI
AppEnhancer Administration	B					UI	

UI = user interface only

B = both user interface and online help

6. Fixed issues

This section provides information about past issues that have been fixed in this release.

Issue Number	Customer Facing Description for Release Notes
WX-15471	Enhanced code to fix some UI issues, for PAL users such as disabling Check in and Check Out options
WX-15143	Implemented code to fix thrown the invalid Rendering Request error when AE system submit rendering requests with multiple NIC cards
WX-15125	Code update to display Timestamp entry in PID table to UTC
WX-15046	Implemented code to avoid request failures when submit request in AE with null reference
WX-15037	Implemented code to fix Rendering issues on WX when document pages display blank with no errors while thumbnails display fine
WX-14988	Enhanced code to fix issue when saved queries when they contain multiple columns run but not executed
WX-14891	Fixed code for those users who are not able to see Save button index when importing a new document unless they zoom out
WX-14885	Implemented code to fix certain PDF display issues. Those files appear fuzzy or have color inverted on display after imported into Web Access.
WX-14725	Implemented code to fix administrative Archive service when it is not impersonating before accessing the jobs folder
WX-14701	Enhanced code to fix Pinkish Cast Color in WX viewer when some documents imported with Index Image Import from Administrator
WX-14689	Fixed invalid DB record exception when upgrade the WX version and username is missing when selecting Web Access User Settings
WX-14668	Implemented code to fix hide Annotation issue in WX from user settings
WX-14640	Enhanced code to handle error that happen when user import certain PDFs with a minor text element on top of an existing page
WX-14573	Implemented code to handle issue when user is not able to save a document index when key reference field is changed, and data reference field is kept the same
WX-14547	Enhanced code to prevent errors when adding data source from AX7 to AX 20.3/20.4
WX-14456	Fixed issue with text rubber stamps when they include %CRLF% flag and removed the extra flag when printing
WX-14449	Fixed issue when certain TIFF files not Render properly in Web Access
WX-14426	Fixed display issues for certain multi-page TIFF files when they are split during import into separate pages
WX-14365	Implemented code for handling error message in event viewer which is "Specified argument was out of the range" when creating render jobs in multiple render servers.

WX-14343	Implemented code to fix Saved issue under Email section in user settings
Issue Number	Customer Facing Description for Release Notes
WX-14204	Implemented code to enhanced generic "Internal Server Error" message from AX REST Services
WX-13937	Enhanced code to fix Saved issue when user modify configurations in Administrator's web.config when permission isolation is enabled
WX-13802	Implemented code to fix SDK missing files in AppEnhancer - 16.3 and 16.6
WX-13750	Enhanced code to fix missing vertical scroll bar and page zoom when going to groups tab of users in Administrator
WX-13705	Implemented code for Rendering on 20.4 "given path's format is not supported" errors on Form Overlay document
WX-13704	Implemented code to remove generic error 500 "Object reference not set to an instance of an object" error instead of a 404 "Not Found exception"
WX-13703	Enhanced code to fix error message "User has not been logged in" after license server reboot
WX-13702	Implemented code to prevent CM_CONFIG table being updated prior to registering admin
WX-13639	Enhanced code to fix receiving errors when attempting to Render specified TIFF documents
WX-13536	Implemented code to fix display vertical line that is not present on original PDF image when it is rendered in viewer on Web Access
WX-13399	Enhanced code to fix uncaught access violation in the PDF Render DLL
WX-13395	Implemented code to fix auto logout feature failure when using AD Security with Auto Login feature turned on
WX-13387	Implemented code to update character support in UDL drop down, wild card search with asterisk after this fix is supported
WX-13382	Rubber Stamp smaller after rotating and saving page - (Discuss with Nimisha)
WX-13376	Implemented code to prevent Annotation location change in a document when it prints or exports
WX-13374	Implemented code to fix rendering specific PDFs properly in viewer. Before fix render server display them as black pages
WX-13373	Enhanced code to allow "Document Content(s)" to be configured and be checked by default when exporting a document
WX-13365	Implemented code to allow user to see second domain when attempting to import users
WX-11811	Implemented code to added new PUT action to DocumentPageController and add new button "Convert subpages to pages" in page menu.
WX-11788	Enhanced code to fix issue when user using TLS1.2 and is not able to install Demo DB by using OLEDB driver which is not support TLS1.2

WFX-1532

Implemented code to prevent when WIM fails to validate

7. Known issues

The following known issues exist in this release.

Issue number	Issue description
WX-15987	Rest Test Console will not accept custom ports for REST Service URL.
WX-15940	Docker Image for AppEnhancer Administrative Services.
WX-16164	Default entities are duplicated when created from AppWorks.

8. Contact information

OpenText Corporation
275 Frank Tompa Drive
Waterloo, Ontario
Canada, N2L 0A1

OpenText My Support: <https://support.opentext.com>

For more information, visit www.opentext.com

Copyright © 2022 Open Text. All Rights Reserved.

Trademarks owned by Open Text. One or more patents may cover this product. For more information, please visit <https://www.opentext.com/patents>.

Disclaimer

No Warranties and Limitation of Liability

Every effort has been made to ensure the accuracy of the features and techniques presented in this publication. However, Open Text Corporation and its affiliates accept no responsibility and offer no warranty whether expressed or implied, for the accuracy of this publication.