NewgenONE OmniDocs

Release Notes

Version: 11.3

Release Date: 2nd July 2024

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1 About this document

These release notes provide information on the latest features, functionalities, enhancements, and known limitations of the NewgenONE OmniDocs 11.3 release. These release notes also include system requirements for installing the product.

NOTE:

The NewgenONE OmniDocs 11.3 product documentation is available at the following locations:
- [Newgen Internal Doc Portal](#) – For Newgen employees.
- [Newgen Partner Portal](#) – For Newgen partners.

1.1 Revision history

Revision date	Description
July 2024	Initial publication

1.2 Intended audience

These release notes are intended for new and existing customers of NewgenONE OmniDocs, Newgen's partners, implementation, sales, pre-sales, and marketing teams.

1.3 Documentation feedback

To provide feedback or any improvement suggestions on technical documentation, write an email to docs.feedback@newgensoft.com.

To help capture your feedback effectively, share the following information in your email:
- Document name
- Version
- Chapter, topic, or section
- Feedback or suggestions

2 Release summary

This release of NewgenONE OmniDocs brings significant enhancements focused on improving user experience and efficiency. Key updates include advanced capabilities for the automatic creation of metadata through NewgenONE Marvin, the introduction of customizable document upload templates, and Arabic locale support. The UI/UX revamp of the NewgenONE OmniDocs Admin module ensures seamless navigation and consistency across modules. Additionally, enhanced video management features enable bookmark creation on videos and thumbnail previews, enhancing overall usability and productivity.

2.1 Key highlights

Below are the main highlights of the NewgenONE OmniDocs 11.3 release:

- **Document upload templates** — Administrators can create multiple document upload templates, allowing end users to associate more metadata fields beyond just DataClass and Keywords. Administrators can set mandatory fields and customize visibility for each template. End users can select a default upload template and use it for document uploads.
- **Arabic support** — This version of NewgenONE OmniDocs and all its add-on components are fully supported in Arabic.
- **Automatic creation of DataClass through NewgenONE Marvin** — Administrators can now use NewgenONE Marvin to define industry-specific document types with pre-defined fields. These can be used to create DataClasses in the application, eliminating the need for manual metadata creation.
- **Support of Azure Open AI for document summarization and QnA** — Azure Open AI can be configured in the NewgenONE OmniDocs Admin module for content summarization, Q&A, and automatic DataClass creation.
- **UI/UX revamp of Admin module components** — The UI/UX of modules like Trash Management, Service Management, System Reports, and User Profile has been enhanced to align with other NewgenONE OmniDocs Admin and Web modules.
- **Enhanced video navigation and management features** — Users can now apply bookmarks to videos for quick navigation and view video thumbnails in the Thumbnail view of files in NewgenONE OmniDocs.
- **Seamless Integration of OmniDocs with NCC** — NewgenONE OmniDocs can be seamlessly integrated with NCC to update or fetch NCC-related data.
- **OAuth support for add-on components and utilities** — OAuth support is available for add-ons like MS Office Connector, MS Teams Connector, and SAP Connector, as well as for custom utilities with OAuth modifications.

- **Access to OmniDocs service administration** (OSA) through the web — OSA can be accessed through the web. This is currently a beta version.

3 Compatible product releases

The following table lists the other Newgen products that are compatible and must be installed to use them with NewgenONE OmniDocs 11.3:

Product	Compatible versions
RMS	NewgenONE OmniDocs RMS 4.0 SP1
EasySearch	NewgenONE OmniDocs Easy Search 11.3
Text Extraction Manager	NewgenONE OmniDocs 11.3 Text Extraction Manager
OmniAddin for Office	NewgenONE OmniDocs OmniAddin for Office Client 11.3
	NewgenONE OmniDocs OmniAddin for Office Server 11.3
LDAP and SSO	NewgenONE OmniDocs 11.3 LDAP and SSO
SAP	NewgenONE OmniDocs SAP Image Enablement 11.3
MS Teams	NewgenONE OmniDocs MS Teams Add-in 11.3
WOPI	NewgenONE OmniDocs WOPI Server 11.3
iBPS	iBPS 6.0

4 Supported platforms

NewgenONE OmniDocs 11.3 is released on the following environments:

System requirement	Windows	Linux
Supported operating systems	• Windows Server 2019 (64-bit edition) • Windows Server 2022 (64-bit edition)	• Red Hat Enterprise Linux (RHEL) 8.0 • RHEL 8.3 • RHEL 9.2
Compatible application servers	• JBoss EAP ➢ JBoss EAP 7.4.10 ➢ JBoss EAP 7.4.12 ➢ JBoss EAP 7.4.16 • WebLogic 14.1.1 • WebSphere 9.0.5.17	• JBoss EAP ➢ JBoss EAP 7.4.10 ➢ JBoss EAP 7.4.12 ➢ JBoss EAP 7.4.16 • WebLogic 14.1.1 • WebSphere 9.0.5.17

System requirement	Windows	Linux
Compatible database servers	- Oracle 19c - Microsoft SQL Server - SQL Server 2019 - SQL Server 2022 - PostgreSQL - PostgreSQL 14.6 - PostgreSQL 15.0 - PostgreSQL 16.0	- Oracle 19c - Microsoft SQL Server - SQL Server 2019 - SQL Server 2022 - PostgreSQL - PostgreSQL 14.6 - PostgreSQL 15.0 - PostgreSQL 16.0
Compatible server-side JRE	- Oracle JDK 11 (64-bit) - Red Hat OpenJDK 11 (64-bit) - JDK 17 (64-bit) — Compatible with JBoss EAP 7.4.8 or later	- Oracle JDK 11 (64-bit) - Red Hat OpenJDK 11 (64-bit) - JDK 17 (64-bit) — Compatible with JBoss EAP 7.4.8 or later
Compatible browsers	- Mozilla Firefox 127.02 - Google Chrome 124 or later - Microsoft Edge 124 or later - Safari 16	- Mozilla Firefox 127.02 - Google Chrome 124 or later - Microsoft Edge 124 or later - Safari 16
Language	- English (United States) - Arabic	- English (United States) - Arabic

Upgrade paths:

Supported versions for upgrading to NewgenONE OmniDocs 11.3 include the following OmniDocs versions.

- OmniDocs 9.1 SP2
- OmniDocs 10.0
- OmniDocs 11.0
- OmniDocs 11.0 SP1
- NewgenONE OmniDocs 11.0 SP2

5 System requirements

This section lists the minimum hardware and software requirements for installing NewgenONE OmniDocs 11.3.

5.1 Hardware requirements

Minimum hardware requirements for installing NewgenONE OmniDocs 11.3:

Hardware requirement	Description
Server (for application server and web server)	• Server-grade machine (4 cores) • 8 GB RAM • 200 GB hard drive
Client	• Intel Core i3 • 4 GB RAM • 100 GB hard drive
Server (for the database server)	• Server-grade machine (4 cores) • 8 GB RAM • 200 GB Hard drive

NOTE:
Hardware requirements may change based on the type of deployment and volume.

5.2 Software requirements

Refer to the Supported platforms section to set up a combination of the operating system, application server, database server, and server-side JRE.

6 Docker support

This section describes the supported platforms for containerization and Docker deliverables for NewgenONE OmniDocs 11.3.

6.1 Supported platforms for containerization

The following table lists the combination of environments supported for the installation of NewgenONE OmniDocs 11.3 Docker Images on Amazon Web Services (AWS), Microsoft Azure, and Red Hat OpenShift:

Supported environment	AWS	Microsoft Azure	Red Hat OpenShift
Container orchestration	Kubernetes Services 1.23 or a later version. The following are the supported sub-platforms: • **Kubernetes Worker Nodes Host OS** – Amazon Linux 2 • **Container Base Image** - Alpine 3.20 • **Application Server** - JBoss EAP 7.4.x • **Web Server** - Java Web Server 5.8 • **JDK** - OpenJDK 17	Kubernetes Services 1.23 or a later version. The following are the supported sub-platforms: • **Kubernetes Worker Nodes Host OS** - Ubuntu • **Container Base Image** - Alpine 3.20 • **Application Server** - JBoss EAP 7.4.x • **Web Server** - Java Web Server 5.8 • **JDK** - OpenJDK 17	OpenShift Container Platform 4.12 or a later version. The following are the supported sub-platforms: • **Kubernetes Worker Nodes Host OS** - RHEL CoreOS 8.x • **Container Base Image** - Alpine 3.20 • **Application Server** - JBoss EAP 7.4.x • **Web Server** - Java Web Server 5.8 • **JDK** - OpenJDK 17
Database Server	Aurora PostgreSQL Compatible 16.x	Microsoft SQL Azure (RTM) 12.0.2000.8	Oracle 19c
Browser (Client)	• Mozilla Firefox 127.02 • Google Chrome 124 • Microsoft Edge 124 • Safari 16	• Mozilla Firefox 127.02 • Google Chrome 124 • Microsoft Edge 124 • Safari 16	• Mozilla Firefox 127.02 • Google Chrome 124 • Microsoft Edge 124 • Safari 16
Language	English (United States), Arabic	English (United States), Arabic	English (United States), Arabic

6.2 Container deliverables

The following table lists the container deliverables:

Deliverables	AWS	Microsoft Azure	Red Hat OpenShift
Container images	• OmniDocs Web Components • OmniDocs Web Service Components • OmniDocs EJB Components • OmniDocs Add-on Services (Wrapper, AlarmMailer, Scheduler, ThumbnailManager, and LDAP) • EasySearch (Apache Manifold) • Text Extraction Manager or Full-Text Search (TEM/FTS) • OmniScan Web Components • OmniDocs WOPI	• OmniDocs Web Components • OmniDocs Web Service Components • OmniDocs EJB Components • OmniDocs Add-on Services (Wrapper, AlarmMailer, Scheduler, ThumbnailManager, and LDAP) • EasySearch (Apache Manifold) • Text Extraction Manager or Full-Text Search (TEM/FTS) • OmniScan Web Components • OmniDocs WOPI	• OmniDocs Web Components • OmniDocs Web Service Components • OmniDocs EJB Components • OmniDocs Add-on Services (Wrapper, AlarmMailer, Scheduler, ThumbnailManager, and LDAP) • EasySearch (Apache Manifold) • Text Extraction Manager or Full-Text Search (TEM/FTS) • OmniScan Web Components • OmniDocs SMS • OmniDocs WOPI
	NOTE: These container images are delivered through private container repositories such as Azure Container Registry, AWS Elastic Container Registry, RedHat Quay Registry, and DockerHub, or in the form of compressed files that can be shared over FTP or a similar kind of media.		
Configuration files	• OmniDocsWeb • OmniDocsEjb • ODServices • EasySearch • TEM • OmniscanWeb7.0 • OmniDocs_WOPI	• OmniDocsWeb • OmniDocsEjb • ODServices • EasySearch • TEM • OmniscanWeb7.0 • OmniDocs_WOPI	• OmniDocsWeb • OmniDocsEjb • ODServices • EasySearch • TEM • OmniscanWeb7.0 • OmniDocsSMS

Deliverables	AWS	Microsoft Azure	Red Hat OpenShift
YAML files	• OmniDocsWeb.yml • OmniDocsWeb_Services.yml • OmniDocsEJB.yml • OmniDocsServices.yml • EasySearch.yml • EasySearchApacheOnly.yml • TEM.yml • OmniDocsWOPI.yml • OmniScanWeb7.0.yml • AWS_ALB-IngressController.yml • buildspec.yaml	• OmniDocsWeb.yml • OmniDocsWeb_Services.yml • OmniDocsEJB.yml • OmniDocsServices.yml • EasySearch.yml • TEM.yml • OmniDocsWOPI.yml • OmniScanWeb7.0.yml • AzureFile_PV_PVC.yml • AppGateway-IngressController	• OmniDocsWeb.yml • OmniDocsWeb_Services.yml • OmniDocsEJB.yml • OmniDocsServices.yml • EasySearch.yml • TEM.yml • OmniDocsWOPI.yml • OmniScanWeb7.0.yml • OmniDocsSMS.yml • quay-secret.yml • Storage_PV_PVC.yml • IngressController.yml
Documents for deployment and configuration	• OmniDocs 11.3 Docker Containers Custom Code Deployment Guide for AWS • OmniDocs 11.3 Configuration and Deployment Guide for AWS • OmniDocs 11.3 Docker Containers Hotfix Deployment Guide for AWS	• OmniDocs 11.3 Docker Containers Custom Code Deployment Guide for Azure • OmniDocs 11.3 Configuration and Deployment Guide for Azure • OmniDocs 11.3 Docker Containers Hotfix Deployment Guide for Azure	• OmniDocs 11.3 Docker Containers Custom Code Deployment Guide for OpenShift • OmniDocs 11.3 Configuration and Deployment Guide for OpenShift • OmniDocs 11.3 Docker Containers Hotfix Deployment Guide for OpenShift

7 Deployment steps

To deploy NewgenONE OmniDocs 11.3, refer to the NewgenONE *OmniDocs 11.3 Installation and Upgrade Guide*.

8 Integration strategy

Third-party applications must be registered through NewgenONE OmniDocs Admin. Establishing a connection with NewgenONE OmniDocs involves granting initial access to the application, after which users can make subsequent API calls using the access details token (session valid and access token tags).

9 Rollback plan

The product installer consists of a feature that allows an existing OmniDocs installation to upgrade to NewgenONE OmniDocs 11.3. In a rollback, the installed version is uninstalled, and the product reverts to its previous version.

For more information, refer to the *OmniDocs 11.3 Installation and Upgrade Guide*.

NOTE:
The rollback plan applies to an upgrade installation.

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10 Known limitations

The following table lists the known issues in the NewgenONE OmniDocs 11.3 release:

S. No.	Limitations
1.	OmniProcess does not support the viewing and editing of MS Office documents.
2.	Whitelisting is not supported in the Arabic locale.
3.	The volume name and 'One document per PN File' option cannot be changed once the volume is created.
4.	Multilingual Definition is supported exclusively for RMS components.
5.	There are known UI issues when using NewgenONE OmniDocs on the Safari browser.
6.	Video thumbnails are not generated in the case of Docker deployment.

11 Major issues resolved

The following table lists the major issues that were resolved in this release:

S. No.	Issues fixed
1.	NewgenONE Marvin's capabilities have now been introduced in Web APIs.
2.	Notes and Thumbnail sections are now reinstated in Web APIs.
3.	Usernames in NewgenONE OmniDocs adhere to the Username display configuration.
4.	The HCP site can be added through the NewgenONE OmniDocs Admin module.
5.	Both Pinned Search and OmniProcess are now displayed at the top of the Search and OmniProcess lists.
6.	The integration with Google Drive for document check-out and check-in functionality is now operational.

12 Software on media enclosed

The following are enclosed with the release package:

- Installer
  - ➢ Windows
  - ➢ Linux
- Release Notes
- Manuals:
  - ➢ NewgenONE OmniDocs 11.3 User Guide
  - ➢ NewgenONE OmniDocs 11.3 Administration Guide
  - ➢ NewgenONE OmniDocs 11.3 Developer Guide
  - ➢ NewgenONE OmniDocs 11.3 Configuration Guide
  - ➢ NewgenONE OmniDocs 11.3 Service Administration Guide
  - ➢ NewgenONE OmniDocs 11.3 Service Administration Web Guide
  - ➢ NewgenONE OmniDocs 11.3 Installation and Upgrade Guide
  - ➢ NewgenONE OmniDocs 11.3 REST Web Services Developer Guide

13 Version number

NewgenONE OmniDocs 11.3

14 Release artifacts

The following table lists the release artifacts:

S. No.	Enclosed	Yes / No / NA
1.	Installation Guide, Deployment Guide, and Configuration Settings Guide.	Yes
2.	Improved functions	Yes
3.	Interface modifications	Yes
4.	COTS components	Yes
5.	Rollback steps (in case of a separate document)	Yes
6.	Deployment steps (in case of a separate document)	Yes
7.	Others (if any, for example, Freeware, open-source, executables).	NA

15 Release dates

- **Internal release date** – 2nd July 2024
- **Market release date** – 9th July 2024

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16 Product development location

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