# KeyView Viewing SDK

Software Version 12.4.0

## Release Notes

**Micro Focus®**

## Legal notices

### Copyright notice

© Copyright 2019 Micro Focus or one of its affiliates.

## Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for updated documentation, visit https://www.microfocus.com/support-and-services/documentation/.

## Support

Visit the MySupport portal to access contact information and details about the products, services, and support that Micro Focus offers.

This portal also provides customer self-solve capabilities. It gives you a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the MySupport portal to:

- Search for knowledge documents of interest
- Access product documentation
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the Access Levels descriptions.

# Contents

# New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.4.0.

- KeyView format detection has been extended, with support for 60 additional file formats. By identifying a larger range of formats present in the enterprise, decisions can readily be made on how to route, filter, or alert on such documents. For the full list, refer to the *KeyView Viewing SDK Programming Guide*.

- You can now extract text from PowerBI files that conform to the standard used by PowerBI 1.11.

- KeyView can now retrieve XMP metadata and text from RMS_Protected_Fmt (pFiles).

- Autodetection of RMS_Protected_Fmt (pFiles) now sets the encryption and RMS encryption flags.

- Autodetection of PDF files now sets the encryption and RMS encryption flags.

- KeyView outputs text from tables in iWork 13 Pages files.

- Summary information for XPS files now includes custom metadata.

- KeyView binaries for 64-bit macOS are now code-signed and notarized (this is required by macOS 10.15 Catalina).

- The OpenSSL library has been updated to version 1.1.1.

- Performance has been improved when creating images from some Microsoft Visio (VSD) files.

# Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.4.0.

- Some password-protected Powerpoint 97-2003 (PPT) files were not recognized as password protected.

- KeyView could fail to extract summary metadata from some PDF files when all metadata was requested.

- Some bars could be missed out in 3D bar charts generated by KeyView from Microsoft Word (DOCX) files.

- A potential stability issue when processing Microsoft Visio (VSD) files was resolved.

- KeyView could not extract attachments to MSG files that had file names that consisted entirely of non-valid characters.

- KeyView could not process OpenOffice Presentation Template Format Files.

- On Windows, KeyView could fail to process Microsoft Outlook (OST) files if the temporary directory contained forward slashes.

- KeyView could return an error (when running out-of-process) or segfault (when running in-process) when extracting some PST files.

- KeyView could return an error (when running out-of-process) or segfault (when running in-process) when processing some ODF_Text_Fmt (ODT) files.

- PST files could not be extracted using the pstxsr reader when using stream mode in-process.

# Requirements

This section lists the supported platforms, supported compilers, and software dependencies for the KeyView Viewing SDK.

## Supported Platforms

- Microsoft Windows Server 2019 x64

- Microsoft Windows Server 2016 x64

- Microsoft Windows Server 2012 x64

- Microsoft Windows 10 x64

- Microsoft Windows 8 x86 and x64

- Microsoft Windows 7 x86 and x64

## Supported Compilers

Microsoft 32-bit C/C++ Optimizing Compiler Version 16.00.30319.01 for 80x86.

## Software Dependencies

Some KeyView components require that you have installed specific third-party software:

- Outlook 2002 client or later version for Microsoft Outlook Personal Folders (PST) file viewing

- Lotus Notes or Lotus Domino (minimum requirement is 6.5.1, but version 8 is recommended) for Lotus Notes database (NSF) file viewing

- Microsoft .NET Framework version 2.0 Redistributable Package (if programming in .NET environment)

# Documentation

The following documentation was updated for this release:

- *KeyView Viewing SDK Programming Guide*