

IDOL

# KeyView Viewing SDK

Software Version 12.11.0

Release Notes



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## 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/>.

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## New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.11.0.

- KeyView format detection has been extended, with support for 36 additional file formats. By identifying a larger range of formats present in the enterprise, decisions can be made on how to route, filter, or alert on such documents. For the full list, refer to the *KeyView Viewing SDK Programming Guide*.
- KeyView can render a wide range of SmartArt diagrams in Microsoft Word (.docx) documents.
- KeyView can extract Excel formulas that contain functions added in recent versions of Excel (when you configure KeyView to extract the formula instead of or in addition to the cell value). In previous versions of KeyView these functions appeared in the output with an `_x1fn.` prefix.
- KeyView can extract files that are embedded in Microsoft PowerPoint (.pptx) master and layout slides.

## Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.11.0.

- **(Security update)** The third-party ODA library has been upgraded to version 2022.12 to resolve known vulnerabilities, including CVE-2021-3711, CVE-2021-3712, CVE-2021-32936, CVE-2021-32938, CVE-2021-32940, CVE-2021-43274, CVE-2021-43391, CVE-2021-43582, CVE-2021-44047, CVE-2021-44048, CVE-2021-44422, and CVE-2021-44423.
- **(Security update)** The third-party Snappy library has been upgraded to version 1.1.9 on Windows, Linux, and MacOS. This resolves a possible vulnerability, CVE-2018-7577. Snappy 1.1.2 is still used on SOLARIS\_X86\_64.
- **(Security update)** The third-party PDFium library has been upgraded to version chromium/4500, to resolve multiple security vulnerabilities.
- Some MIME\_Fmt files with unusual repeated headers were incorrectly identified as ASCII\_Text\_Fmt.
- KeyView could return invalid characters when processing some PDF files using the reader pdf2sr.
- KeyView could stop responding when attempting to extract images from some Microsoft Word (.doc) files.
- KeyView returned the error code KVERR\_badInputStream when attempting to extract some valid PKCS #7 signed-data files, rather than KVERR\_FormatNotSupported.
- KeyView could stop responding when processing some PDF files with circular references.
- KeyView could stop responding when attempting to process corrupt Microsoft PowerPoint (.PPT) files.
- KeyView could stop responding when attempting to process corrupt OLE based files.
- KeyView could terminate unexpectedly when processing a spreadsheet that had a large amount of text in a cell.
- KeyView could terminate unexpectedly when attempting to detect the format of some text documents.
- KeyView returned KVERR\_badInputStream for some compressed PDF documents.
- An unhandled exception could occur when KeyView processed some custom format strings in Microsoft Excel (.xlsx) files.

# Requirements

For information about supported platforms, supported compilers, and software dependencies for the KeyView Viewing SDK, refer to the *KeyView Viewing SDK Programming Guide*.

# Documentation

The following documentation was updated for KeyView Viewing SDK version 12.11.0.

- *KeyView Viewing SDK Programming Guide*