

IDOL

# KeyView Viewing SDK

Software Version 12.13.0

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.

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## New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.13.0.

- KeyView format detection has been extended, with support for 51 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 now allows you to view .heic and .heif images.
- KeyView now allows you to view WebP format images.
- The PDF reader (pdfsr) has been improved for Arabic text in some circumstances. When you use Microsoft Print to PDF to convert Word documents that contain Arabic text in Calibri font to PDF, the resulting file is often incomplete: information which is required to interpret the text content is missing. The PDF reader (pdfsr) is now able to reconstruct this missing information, so that all letters are output correctly.
- When processing charts in Word (DOCX) files, KeyView now outputs the data table for the chart, if the data table would be displayed by Microsoft Word. If the data table is switched off, KeyView outputs the table only if you have configured it to show hidden info.
- The third-party zlib library has been upgraded to version 1.2.12.
- **(Security update)** The third-party openssl library that is included in KeyView builds has been upgraded to version 1.1.1q.
- The third-party libxml2 library has been upgraded to version 2.9.14.

## Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.13.0.

- **(Security update)** The third-party p7zip library has been updated to version 17.04 (on LINUX, LINUX\_X86\_64, LINUX\_ARM, MACOS\_M1, and MACOS\_X86\_64 platforms).
- KeyView could terminate unexpectedly in-process when performing detection on some ICO files.
- When viewing documents encoded in non-8bit character sets, clickable hyperlinks were sometimes displayed offset from their correct location.
- When viewing HTML documents, clickable hyperlinks could open a browser with a truncated URL missing the last character.
- KeyView would output an extra space whenever a link was encountered in HTML documents.
- KeyView output invalid characters when processing East Asian numerals in numbered lists in DOCX files.
- KeyView failed to extract 64-bit self extracting RAR\_Fmt archives.
- KeyView skipped spaces when formatting numbers in ODF\_Spreadsheet\_Fmt (ODS) files.
- KeyView could omit the alt text for some images in Microsoft Word (.docx) formats.
- **(Security update)** The third-party expat library has been upgraded to version 2.4.9 to resolve known vulnerabilities in that library, including CVE-2022-40674, CVE-2022-25235, CVE-2022-25236, CVE-2022-25313, CVE-2022-25314, CVE-2022-25315, CVE-2022-23852, CVE-2022-23990, CVE-2021-45960, CVE-2021-46143, CVE-2022-22822, CVE-2022-22823, CVE-2022-22824, CVE-2022-22825, CVE-2022-22826 and CVE-2022-22827.
- **(Security update)** The third-party lz4 library has been upgraded to version 1.9.4, which fixes vulnerability CVE-2021-3520.
- KeyView sometimes missed formatted text in iWork Numbers files.
- Page numbers in PowerPoint (PPTX) presentations were sometimes output as placeholders.
- KeyView could skip embedded images in some DOCX files.
- KeyView could terminate unexpectedly (in-process, stream mode) when attempting to process the FILENAME field in Microsoft Word 95 (MS\_Word\_95\_Fmt) documents.

# 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 12.13.0.

- *KeyView Viewing SDK Programming Guide*