

# KeyView Viewing SDK

Software Version 12.6.0

## 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.
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## New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.6.0.

- KeyView format detection has been extended, with support for 52 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 includes new readers so that you can obtain a text-only view from a greater number of file formats:
  - `axsr` - for Applix Asterix.
  - `cdsr` - for Convergent Technologies DEF.
  - `nnsr` - for NBI Net Archive.
  - `pwsr` - for Primeword.
  - `swsr` - for SmartWare II Word Processor.
  - `stringssr` - a generic reader for file formats that contain blocks of ASCII text but have no dedicated reader.
- KeyView now has additional support for RMS protected files:
  - KeyView can now extract XrML from PPT and PPS documents.

## Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.6.0.

- KeyView failed to fully process some Rich Text Format (.rtf) files that contained null characters.
- KeyView did not output metadata for some files if the metadata length was greater than a particular internal buffer size.
- KeyView would fail to detect Seclore encryption for Unknown\_Fmt files when running out of process. (KeyView returns Unknown\_Fmt because encryption obscures the file format, but can still detect that the file is encrypted).
- Certain crafted Microsoft Word (DOCX) files could cause KeyView to use a very large amount of memory, or to exit unexpectedly.
- For some Microsoft Excel (XLSX) files that contained cells with custom formatting, such as dates, KeyView could output unformatted numbers.
- For B2 compressed files, extracting files in stream mode exit unexpectedly.
- KeyView could take a long time to process PDF files that contained detailed vector graphics.
- Subfiles that were extracted from Rich Text Format, Microsoft Project, OpenDocument Presentation, Legato Extender and BinHex files without names had autogenerated names that included the name of the parent file. Reported subfile names are now independent of the parent file name, in line with the rest of the Extraction API.
- When processing some PDF files that contained Form XObjects, KeyView could use a large amount of memory.
- For archive formats that were processed by the multiarcsr reader, KeyView could fail to extract any subfiles from the archive if one subfile was not valid.
- KeyView sometimes failed to extract some subfiles from Cabinet (.cab) archive files that contained multiple CAB folders and used LZX compression.
- When processing some PPTX files, KeyView could use a very large amount memory.
- Some plain text files were incorrectly identified as WordStar\_Fmt.

# 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)

## Notes

- The `KVCharSet` enumerated type for character sets has been moved from `kvtypes.h` to `kvcharset.h`.

# Documentation

The following documentation was updated for KeyView Viewing SDK version 12.6.0.

- *KeyView Viewing SDK Programming Guide*