

IDOL

KeyView Viewing SDK

Software Version 12.9.0

Release Notes



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

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New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.9.0.

- KeyView format detection has been extended, with support for 55 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*.
- Text-only support has been added for Adobe Font Metrics (Adobe_Font_Metrics_Fmt) files.
- Text-only support has been added for Printer_Font_ASCII_Fmt files.
- Text-only support has been added for LyX Word Processor (LyX_Fmt) files.
- KeyView now performs character set conversion more quickly.
- The pdfsr reader can now read additional types of corrupted files.
- The Expat third-party library has been upgraded to version 2.2.10.
- The wpack third-party library has been upgraded to version 5.4.0.
- The SQLite third-party library has been upgraded to version 3.34.1.
- The libjpeg third-party library has been upgraded to version 9d.
- The JasPer third-party library has been upgraded to version 2.0.24.
- The libPNG third-part library has been upgraded to version 1.6.37.

Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.9.0.

- Microsoft Excel files with large numbers of merged cells took a long time to process.
- The `kEncrypted` attribute was not set for RMS encrypted `MS_Word_2000_Fmt`, `Excel_2000_Fmt` and `PowerPoint_2000_Fmt` files.
- KeyView could exit unexpectedly when processing some Microsoft Excel files (`.xlsx`) that contained content positioned in a non-standard way.
- KeyView could exit unexpectedly when processing malformed PDF files that contained recursive forms.
- When processing some Microsoft Word (`DOCX`) files with many shapes or text boxes, KeyView could exit unexpectedly (in-process) or return an error (out-of-process).
- Some Windows Registry settings were missing from the installers.
- When processing some OneNote (`OneNote_Fmt`) files, KeyView could exit unexpectedly (in-process), or return an error (out-of-process).
- When processing some `JBIG2_Fmt` files, KeyView could exit unexpectedly (in-process), or return an error (out-of-process).
- When processing some Visio (`MS_Visio_Fmt`) files, KeyView could exit unexpectedly (in-process), or return an error (out-of-process).
- When processing a crafted Ami Pro document (`Ami_Pro_Fmt`, `Ami_Pro_StyleSheet_Fmt`), there was a security vulnerability that could allow code execution.

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 KeyView Viewing SDK version 12.9.0.

- *KeyView Viewing SDK Programming Guide*