

KeyView Viewing SDK

Software Version 12.1.0

Release Notes



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New in this Release

This section lists the enhancements to KeyView Viewing SDK version 12.1.0.

- KeyView format detection has been greatly extended, with support for almost 200 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 Viewing SDK Programming Guide.
- KeyView now supports text-only viewing for Star Office Writer and Calc (versions 3, 4, and 5).
- KeyView now supports Microsoft Project 2016 files.
- KeyView format detection can determine the version for some Microsoft Office zipped XML formats (including for example MS_Word_2007_Fmt, MS_Excel_2007_Fmt, MS_PPT_2007_Fmt, and MS_Visio_2013_Fmt). This means you can determine which version of the application, for example Word 2013 or Excel 2016, was used to create the document.
- The OpenSSL library has been updated to version 1.0.2o.

Resolved Issues

The following issues were resolved in KeyView Viewing SDK version 12.1.0.

- KeyView was susceptible to security vulnerabilities involving malicious HTML and PDF files.
- A theoretical security vulnerability involving absolute paths in mail files has been resolved.
- KeyView failed to release memory when processing any file.
- KeyView could leak file handles on non-Windows platforms when performing autodetection on some file types.
- Some files were incorrectly identified as DXF files.
- Some MPEG Sequence files were not detected correctly.
- KeyView was updated to resolve a vulnerability in RAR extraction (see <https://cve.mitre.org/cgi-bin/cvename.cgi?name=2018-10115>).
- The Viewing SDK could throw an exception when attempting to view EML files that contained a large amount of formatting information.
- The Viewing SDK could return an error when attempting to view a Microsoft Word (DOC) file.
- KeyView did not extract subfiles from ODF formula files.
- KeyView failed to extract OLE subfiles from Haansoft Hangul 2002+ (HWP) documents.

Requirements

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

Supported Platforms

- Windows 8 x86 and x64
- Windows 7 x86 and x64
- Windows Vista Business Edition x86 and x64
- Windows Server 2008 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*