

IDOL Panopticon

Software Version 12.12.0

Release Notes



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- 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 Panopticon version 12.12.0.

- **(Security update)** KeyView has been hardened against DLL preloading attacks (on Windows).
- **(Security update)** To improve security, `WINDOWS_X86` and `WINDOWS_X86_64` binaries are built with Control Flow Guard enabled.
- The C sample program can read license information from environment variables. This allows you to continue to use the program after the embedded trial license has expired, and also to test or troubleshoot with your own license.
- Improved error reporting for invalid or incorrect credentials. When attempting to decrypt RMS-protected files with the wrong credentials, Panopticon returns `KVP_ERR_RMS_InvalidCredentials` if the credentials are invalid, or `KVP_ERR_RMS_InvalidCredentials` if the credentials are valid but not correct for decrypting the file. The Java API throws exceptions corresponding to these errors.

Resolved Issues

The following issues were resolved in Panopticon version 12.12.0.

- **(Security update)** The third-party OpenSSL library was updated to version 1.1.1n to resolve a security vulnerability, CVE-2022-0778.

Requirements

For information about supported platforms, supported compilers, and software dependencies for Panopticon, refer to the *Panopticon Programming Guides*.

Notes

- KeyView 12.12 requires a later version of the Visual C++ Redistributables than were required by KeyView 12.11. The redistributables are provided in the `vc_redist` folder of the KeyView SDK but you can [download the latest installers from Microsoft](#) to get the latest security, reliability, and performance improvements.

Documentation

The following documentation was updated for Panopticon version 12.12.0.

- *Panopticon C Programming Guide*
- *Panopticon Java Programming Guide*