

RELEASE NOTES

Certus Erasure for M-Series

Version: 0.4.0
Date: 02.06.2025

New feature

- Group shared licenses
Added support for a new license property called 'group shared', available for licenses managed by the CEWM application. Group shared licenses can be used by any member of a CEWM group. When both 'individual' and 'group shared' licenses are available, the Group Shared licenses will be consumed first.

Improved feature

- UI enhancement
Improved the user interface for displaying authentication and available licenses information.

Version: 0.3.0
Date: 06.02.2025

Improved features

- Added French language to user interface.
- Limited the allowed characters in the custom fields to match the ones allowed by CEWM.
- Added the SMART values for drive's 'health' and 'power on time' to the erasure report.
- Upgraded the operating system from macOS 14.5 (Sonoma) to macOS 15.3 (Sequoia).

Fixed issues

- Application was failing to boot on Mac M4 models.
- The application was failing to erase the drive again within the same user authentication session.
- The Apple manufacturer part number (MPN) value was displayed in the 'model' field of the erasure report, instead of model name.
- The application interface was failing to load at startup due to insufficient storage space.
- Incorrect description of the 'Baseline for M-Series' method's second step.

Version: 0.2.0
Date: 10.09.2024

Improved features

- Upgraded the MacOS version from 12.6.7 (Monterey) to 14.5 (Sonoma).
- Reduced the required storage space on drive (from about 50 GB to about 36 GB).
- Added support for Swiss/French keyboard layout.
- Updated the description of the erasure methods, for better clarity.

- Replaced the value for the architecture displayed in the erasure report from “arm64” to “aarch64”.

Fixed issues

- The application could not be booted on a few M2 computer models (e.g. A2691 & A2779).
- The computer model value could not be extracted from some computer models.
- The keyboard layout could not be changed.
- The dropdown list containing the erasure methods was not closing after selecting the value.

Version: 0.1.1

Date: 06.06.2024

Fixed issues

- The erasure process started on 512 GB or larger capacity Mac drives was failing.
- “Clear all automation settings” button was inactive.
- MacOS screensaver was interfering with the application. It is now disabled.

Version: 0.1.0

Date: 30.05.2024

Initial features

- Allow user to boot on Apple computers provided with M-series chips (Apple Silicon) and then to sanitize (secure erase) the user data stored on the internal drive.
- Provide the user with a list of four data sanitization methods, as described below:
 - Standard Overwrite
 - Certus Baseline for M-Series
 - NIST SP 800-88 Rev.1 Clear
 - IEEE Std 2883-2022 Clear
- Generate a tamper proof erasure report (digitally signed) and save it to CEWM app, or to an external USB drive.
- Include also hardware details in the erasure report, related both to the sanitized internal drive, and to the computer.
- Provide user with means to authenticate against a CEWM account only (no HASP key).
- Allow user to customize the GUI appearance (theme, screensaver) and locales (interface language, keyboard layout, time zone offset, clock adjustment for DST).
- Allow user to save and reuse the parameters for authentication and appearance.
- Allow user to automate the authentication action.
- Allow user to configure the locales (interface language, keyboard layout, time zone offset and clock adjustment for Daylight-Saving Time).
- Be able to import running and automation parameters from the CEWM user account, after authentication (erasure method, erasure verification parameter, erasure process automatic start, erasure report automatic saving, lot ID value, mandatory fields, predefined values for custom fields, time zone offset value, Daylight-Saving Time parameters).
- Allow user to input values for lot ID, asset ID and custom fields.
- Be able to enforce requirements imported from CEWM account, related to input values (mandatory fields).

- Allow user to create and use templates for report filename by using dynamic content sourced from the fields included in the report (only in the current session).
- Provide user with an UI tool for reading/inspecting the LBA values stored on drive (hexadecimal format data viewer).
- Allow user to generate and submit reports related to application issues (report an issue).