CodeSecure Product Version Policy

Product version support applies to both CodeSonar and CodeSentry and both are updated normally on a quarterly basis. If fixes are required for critical problems and/or there are vulnerability updates made available, then updates may come sooner.

Version Updates

Version updates are categorized as follows: X, Y, & pZ.

- X: major release
    - Significant new functionality added (or integrations)
- Y: minor release
    - Enhanced and/or new functionality
- Z: patch release
    - Release that contains patches, defect fixes, and very minor enhancements

Lifecycle

CodeSecure operates on the following lifecycle for product versions and updates are documented either as Active or Sunset, followed by End of Life (EOL).

- Active: current release and two versions thereafter
- Sunset: products that fall outside active which detail the following:
    - No enhancements, only Critical/Urgent defects fixed
    - Start EOL window, which lasts 12 months
- End of Life (EOL): No fixes will be made available; installers are available if required and there is no end-of-life support.

Product versions table can be found [here](#).

Upgrading

Customers may self-serve by downloading installers from the support portal. The latest version and two versions thereafter are available [here](#). Upgrades can be done on any categorization listed above and we recommend submitting a support ticket if you are running a version that at least 2-3 major releases behind to check if there are smaller version hops required.

Upgrade complexity can vary widely and CodeSecure strongly recommends purchasing an upgrade package to have our professional services team review your configuration and guide you through the process. More information can be found [here](#).

Licenses

Customers may request licenses if they have a valid support and maintenance contract. Licenses requested for sunset or EOL versions may be withheld if CodeSecure was unable to obtain information on the reasons for running older versions. At renewal time, our customer success team will reach out to advise on the best course of action for upgrading including offering a system health

check. Temporary licenses will be issued for staging environment in the event of testing an upgrade to a supported version.

Major Release Updates

Release notes exist for each update categorization. Full notes are available via the support portal under getting started for each product. Links can be found below including feature highlights for each major update.

Release notes can be found [here](#).

CodeSonar 5 Family

- Support for Autosar 14.
- Support for exporting analysis results in SARIF.
- Java analysis using *FindBugs* front end.
- C# analysis using *FxCop* front end.
- Limited support for C++17 and C++20 added.
- Visual Studio 2019 support.
- New and improved support for Clang, Embarcadero, IAR, and ARM compilers.

CodeSonar 6 Family

- All features of C++14 and C++17 fully supported. C++20 support is improved.
- New and improved Java and C# analysis.
- CodeSonar updated to use Python 3.
- Support for Single Sign-On for user authentication.
- Support for Android 12.
- New and improved support for ARM, Cosmic, and Intel compilers.

CodeSonar 7 Family

- Hybrid SaaS offering.
- All features of C++20 and C18 fully supported.
- New SEI CERT C/C++ warning classes to improve coverage.
- Hersteller Initiative Software (HIS) metrics.
- 100% MISRA C 2012 coverage.
- Roslyn warnings added to C# analysis.
- VSCode integration.
- Dark mode UI.
- Visual Studio 2022 support.
- New analysis properties to support search, comparison, and code branching strategies.
- Improved Jenkins integration.
- Support for Android 13.
- New and improved support for Tasking, LLVM, and GCC compilers.