Secude

HaloCAD

HaloCAD Add-on for Revit

Release Notes

Version 2.5

Copyright

© 2025-2026 Secude Solutions AG. All Rights Reserved.

This Secude-branded software and its corresponding documentation are the exclusive property of Secude Solutions AG of Luzern, Switzerland and are protected under the various copyright laws around the world and by various other intellectual property laws. The use of this software and/or its documentation and any copying thereof by end users is subject to the terms of a license agreement with Secude Solutions AG. The wrongful use or copying of this software and/or documentation subjects infringers to both criminal and civil liabilities.

ANY USE, COPYING, REPRODUCTION, ALTERATION, TRANSMISSION, OR TRANSLATION OF THESE MATERIALS, IN WHOLE OR IN PART, IN ANY FORM OR BY ANY MEANS, IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN PERMISSION OF SECUDE SOLUTIONS AG. IF THIS MATERIAL IS PROVIDED WITH SOFTWARE LICENSED BY SECUDE, THE INFORMATION HEREIN IS PROVIDED SUBJECT TO THE TERMS OF THE WARRANTY PROVIDED WITH THE PRODUCT LICENSE. IF THIS MATERIAL IS NOT PROVIDED WITH LICENSED SOFTWARE, THE INFORMATION HEREIN IS PROVIDED “AS IS” WITHOUT WARRANTY OF ANY KIND. IN EITHER CASE, THERE ARE NO OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR QUALITY. IN NO EVENT SHALL SECUDE SOLUTIONS AG OR ANY OF ITS AFFILIATES BE LIABLE FOR ANY DIRECT OR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR EXEMPLARY DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE MATERIALS AND/OR INFORMATION CONTAINED HEREIN. Some jurisdictions do not allow the exclusion of implied warranties, so the above exclusion may not apply to you.

Secude Solutions AG takes reasonable measures to ensure the quality of the data and other information produced herein. However, these materials may contain technical inaccuracies or typographical errors, and are not guaranteed to be error-free. Information may be changed or updated without notice. Secude Solutions AG has no obligation to update these materials based on changes to its products or services or those of third parties. Secude Solutions AG may also make improvements or changes to the products or services described in this information at any time without notice. Secude Solutions AG frequently releases new versions and updates to its software, and therefore images shown in this document may be slightly different from what you see on screen.

As with any security product, Secude Solutions AG highly recommends the back up of data as well as passwords on a regular basis. Secude Solutions AG is not responsible for the loss of passwords or data that cannot be retrieved based upon a user’s failure to adhere to stringent backup and safe-keeping conventions.

Contact

Secude Solutions AG

Murbacherstrasse 19

6003 Luzern, Switzerland

Mail: info@secude.com

Support

Web: https://support.secude.com

Mail: support@secude.com

Table of Contents

1. INTRODUCTION 1

2. PRODUCT DESCRIPTION 2

3. PREREQUISITES 3

4. SYSTEM REQUIREMENTS 4

5. CODE QUALITY AND SECURITY 5

6. BUILD 2.5 7

6.1. New Features 7

6.2. Improvements 7

6.3. Fixed Issues 7

6.4. Known Issues 7

6.5. Functionally as Designed 8

6.6. Unsupported Versions 8

6.7. Changes 8

7. QUALITY GATE REPORT 9

1. Introduction

The release notes provide a high-level overview of the new features, fixed issues, known issues, and prerequisites in HaloCAD Add-on for CAD. Before installing HaloCAD Add-on for CAD, review these release notes to understand any known limitations or issues that apply to this release.

2. Product Description

HaloCAD helps organizations protect CAD files by integrating with Microsoft Purview Information Protection (MPIP). It applies sensitivity labels to CAD files, helping safeguard intellectual property throughout its lifecycle. Protected files can be accessed only by authorized users with permissions defined by the applied sensitivity label.

3. Prerequisites

Before you install the add-on, ensure that the following prerequisites are met:

- Have an active Microsoft 365 subscription.
- Register an application with Microsoft Entra ID.
- Enable access to the required URLs.
- Enable TLS 1.2 or later on all client workstations to ensure secure communication.

Refer to the Technical Reference Manual for more information.

4. System Requirements

The following system requirements table specifies the minimum and recommended technical specifications, such as software and network resources, necessary to run the product.

Components	Details
Supported Operating Systems	Windows 11 or above with updates installed.
Supported file types	1. Native file types: `.rvt`, `.rfa`, and `.rte` 2. Export file types: `.dwg`, `.pdf`, `.dwf`, `.dwfx`, `.ifc`, `.dxf`, `.sat`, `.stl`, `.obj`, `.fbx`, `.tga`, `.bmp`, `.jpeg`, `.jpg`, `.png`, `.tif`, `.dgn`, `.xml`, `.step`, `.stp`, `.gif`, `.avi`, and `.stpz` 3. Import files type: `.dwg`, `.dxf`, `.sat`, `.ifc`, `.step`, `.stp`, and `.stpz`

Requirements

Supported Autodesk applications for HaloCAD Add-ons

You are currently viewing the release notes for the current build. For previous versions, please refer to their respective release notes.

CAD applications	HaloCAD Add-on version
Revit 2025, 2026, 2027	2.5
Revit 2024, 2025, 2026	2.3, 2.4
Revit 2023, 2024, 2025	2.1

Autodesk applications and HaloCAD Add-on version

5. Code Quality and Security

Secude focuses on software quality and security. This is accomplished by adhering to and exceeding best practices in development, testing, and quality control. Secude has chosen SonarQube as the first building block for building and implementing a robust continuous code quality assurance (QA). SonarQube is a platform for static code analysis for continuous inspection of code quality. It performs automatic reviews of code to detect bugs, code smells, unit test coverage, and security issues in 29 programming languages.

SonarQube is utilized throughout the development process at Secude, and only the highest marks are accepted for a product to be released. It helps to regulate code quality from the beginning of development, find and repair issues promptly, and improve overall software stability.

Each build report can be found under its relevant version heading in this release notes.

Reliability Rating

1. A = 0 Bugs
2. B = at least 1 Minor Bug
3. C = at least 1 Major Bug
4. D = at least 1 Critical Bug
5. E = at least 1 Blocker Bug

Security Rating

1. A = 0 Vulnerabilities
2. B = at least 1 Minor Vulnerability
3. C = at least 1 Major Vulnerability
4. D = at least 1 Critical Vulnerability
5. E = at least 1 Blocker Vulnerability

Security Review Rating

The Security Review Rating is a letter grade based on the percentage of Reviewed (Fixed or Safe) Security Hotspots.

1. A = >= 80%
2. B = >= 70% and <80%
3. C = >= 50% and <70%
4. D = >= 30% and <50%
5. E = < 30%

Maintainability Rating

A=0-0.05, B=0.06-0.1, C=0.11-0.20, D=0.21-0.5, E=0.51-1

The Maintainability Rating scale can be alternatively stated by saying that if the outstanding remediation cost is:

1. <=5% of the time that has already gone into the application, the rating is A
2. Between 6 to 10%, the rating is a B
3. Between 11 to 20%, the rating is a C
4. Between 21 to 50%, the rating is a D
5. Anything over 50% is an E

6. Build 2.5

6.1. New Features

This section lists the new features in the current release.

Added support for Revit version 2027. HCADRVT-186

6.2. Improvements

This section lists improvements added to the current release.

Added support for greying out the Pencil icon in the Sensitivity ribbon for protected files when the user does not have Change permission. HCADRVT-7

6.3. Fixed Issues

This section provides a list of the fixed issues in the current release.

1. Fixed an issue where an incorrect HaloCAD error message was displayed when attempting to activate the license with only whitespace entered as the input. HCADRVT-184
2. Fixed an issue where image files were exported without protection when using the **Render** option. HCADRVT-190
3. Fixed an issue where exported RVT and RTE files were created as unprotected files. HCADRVT-191
4. Fixed an issue where an exported RVT/RTE file was created as an unprotected file even though the source RVT file was protected. HCADRVT-192
5. Fixed an issue where the unavailable **Revit 2026** option was enabled in the installer UI when **Revit LT 2026** was installed. HCADRVT-193
6. Fixed an issue where a file could not be opened properly after it was created and saved once after applying a label to a read-only file. HCADRVT-194

6.4. Known Issues

This section describes the known issues with the current release.

1. When exporting a protected file using the **Show Rendering Dialog** option without the necessary export rights, the drawing is saved as a black screen. HCADRVT-41
2. When a protected PDF file is imported using **Link PDF/Import PDF**, it is not decrypted and is displayed as **Microsoft Azure Information Protection**. HCADRVT-84

3. When exporting from a Revit file, a protected image file is exported with a "`.p`" extension, such as `.ppng`, `.pbmp`, `.ptif`, or `.pjpg`. HCADRVT-85
4. When DKE files are available in recent documents and the DKE service is turned off, it takes longer to launch the Revit application and display the HaloCAD error restriction pop-up. HCADRVT-129

6.5. Functionally as Designed

The repeated **Revit** error pop-up displayed when exporting a protected file to PDF using **Print > PDF** without **Export** permission is functioning as designed. HCADRVT-183

6.6. Unsupported Versions

Support for Revit 2024 has been removed in this release. HCADRVT-188

6.7. Changes

The HaloCAD Reader Add-on has been removed from this release. HaloCAD documentation no longer includes Reader-related content.

7. Quality Gate Report

Please see the table below for a list of SonarQube's key parameters for this version. Refer to the "Code Quality and Security" section for more information on rating definitions.

Metric	Value
Coverage	85.5%
Maintainability Rating	A*
Reliability Rating	A*
Security Hotspots Reviewed	A*
Security Rating	A*

Quality Gate report

Secude

www.secude.com

About Secude

Secude, a trusted Microsoft and Siemens Digital Industries Software partner, is a global leader in Zero Trust data protection and data governance.

Our solutions extend Microsoft Purview Information Protection (MPIP) to secure sensitive files—including CAD and PLM assets—from the moment of creation. By embedding persistent protection and access controls directly into design and engineering data, we help enterprises prevent Intellectual Property (IP) theft, data leakage, reputational damage, and compliance risks. With operations in Europe, North America, and Asia, Secude supports global manufacturers, defense contractors, and AEC firms in implementing robust IT security strategies across the product lifecycle and digital supply chain.