Secude

HaloCAD

HaloCAD Add-on for Solid Edge

Release Notes

Version 2.5

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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 table of system requirements specifies the minimum and recommended technical specifications, including 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: `.asm`, `.dft`, `.par` , and `.psm` 2. Non-Native file types: `step`, `iges`, `igs`, `sat`, `stp`, `stl`, `x_b`, `x_t`, `xgl`, `pdf`, `ifc`, `3mf`, `obj`, `fbx`, `bmp`, `jpg`, `plmxml`, `dxf`, `qsm`, `bkm`, `bip`, `sev`, `u3d`, and `jt`
Supporting application	To view the encrypted PDF files, install the latest version of Acrobat Reader DC / Acrobat DC.

Requirements

Supported CAD 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
Solid Edge 2024, 2025, and 2026	2.5
Solid Edge 2022, 2024, and 2025	2.4
Solid Edge 2020, 2022, and 2024	2.3

CAD 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

This chapter provides an overview of the updates and quality insights included in this release. It covers the fixed issues, improvements, limitations, new features, and known issues, along with a summary of SonarQube's key parameters to highlight code quality metrics and analysis results.

6.1. New Features

This section lists the new features in the current release.

Added support for Solid Edge version 2026. HCADSE-694

6.2. Improvements

There are no improvements to mention in the current release.

6.3. Fixed Bugs

This section lists the fixed issues in the current release.

1. Fixed an issue where an incorrect HaloCAD error message appeared when relabeling or removing a sensitivity label from a labeled STEP file. HCADSE-695
2. Fixed an intermittent issue where Solid Edge became unresponsive and only the **Sensitivity** ribbon was displayed on Virtual Desktop 2. HCADSE-696
3. Fixed an issue where an error occurred in Solid Edge when saving protected IGES (`.igs/.iges`) files with valid **Edit** permissions. HCADSE-697
4. Fixed an issue where only the Solid Edge pop-up was displayed when inserting a protected file into an unprotected assembly file using drag and drop, and the HaloCAD Restriction pop-up was not displayed. HCADSE-705

6.4. Known Issues

This section lists the known issues in the current release.

1. While uploading a protected ASM file using the **Import on Demand Dialog**, there will be an error message "*Save and Display was cancelled because following document have no DIR*". HCADSE-236
2. It is possible to save and export a protected PDF file with no export rights to an unprotected file using the local printer > **Paper Print** option. HCADSE-199

3. It is not possible to add the protected assembly file to the newly created assembly file, doing so the Solid Edge will display a pop-up as "*The part cannot be placed. Make sure it is not a Feature Library part*". HCADSE-260
4. There will be a time delay in opening an unprotected file in the Solid Edge application. HCADSE-269
5. It is possible to view the design dimensions and modify the diagram by changing the dimensions of the protected file with view rights. HCADSE-343
6. It is possible to open a DKE-protected file after stopping the DKE Service and removing the Email ID from the JSON file. HCADSE-345
7. It is possible to modify the design of a dependent Part file in a protected assembly file with view rights using the **Select - Edit in place** option and **Select - Edit Definition**. HCADSE-347
8. When opening a DKE-protected file without an authorized email address, the HaloCAD error message does not appear. HCADSE-377
9. Intermittently, the Solid Edge application may close when clicking **OK** in the **Save Read Only Document** window. HCADSE-690
10. The configured default label is displayed in the **HaloCAD Sensitivity** ribbon, but the watermark text for the default label is not displayed in the design window. HCADSE-704

6.5. Unsupported Versions

Support for Solid Edge 2022 has been removed in this release.

6.6. 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. Refer to the "Code Quality and Security" section for more information on rating definitions.

Metric	Value
Coverage	82.3%
Maintainability Rating	A*
Reliability Rating	A*
Security Hotspots Reviewed	A*
Security Rating	A*

Quality Gate report

Secude

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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.