Secude

HaloCAD

HaloCAD Add-on for AutoCAD

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 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 later with updates installed.
Supported file types	1. File types supported for Save and Open: `.dwg`, `.dxf`, `.dws`, `.dwt`, `.iges`, `.igs`, `.wmf`, `.sat`, and `.dgn(v7)` 2. File types supported for Export: `.dwf`, `.dwfx`, `.dwfx` (other format), `.stl`, `.dgn(v8)`, `.eps`, `.dxx`, `.pdf`, `.bmp`, `.png`, `.jpg`, and `.tif` 3. Import file types: `.step`, `.stp`, and `.ste`
Supporting application	To view the encrypted PDF files, install the latest version of Acrobat Reader DC / Acrobat DC.

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
1. AutoCAD 2025, 2026, 2027 2. AutoCAD Electrical/Mechanical/MEP/Civil 3D/Plant 3D: 2025, 2026, 2027	2.5
1. AutoCAD 2024, 2025, 2026 2. AutoCAD Electrical/Mechanical/MEP/Civil 3D/Plant 3D: 2024, 2025, 2026	2.4
1. AutoCAD 2023, 2024, 2025, 2026 2. AutoCAD Electrical/Mechanical/MEP/Civil 3D/Plant 3D: 2023, 2024, 2025, 2026	2.3

Autodesk applications and HaloCAD Add-on

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 AutoCAD version 2027. HCADACD-774

6.2. Improvements

This section lists the improvements in the current release.

Added support for HaloCAD Add-on for AutoCAD with Windchill PLM. HCADACD-797

6.3. Fixed Issues

This section lists the fixed issues in the current release.

1. Fixed an issue where a protected design was attached to the drawing file even after the import operation was canceled while importing it into a file. HCADACD-780
2. Fixed an issue where screenshots of a protected file could be captured without copy permission while importing the file using the **Attach** option. HCADACD-781
3. Fixed an issue where the import/attach operation was canceled; however, the sensitivity label was still applied, and the file could still be saved. HCADACD-784
4. Fixed an issue where the import of a protected IGES file failed with the message **Import Failed** or **Export Failed**. HCADACD-785
5. Protected files were getting closed automatically when pressing **Ctrl + Shift + X**. HCADACD-789
6. Fixed an issue where the **Content Menu** options in AutoCAD Mechanical 2027 displayed an incorrect HaloCAD pop-up stating, "*You do not have permission to save due to view only access.*" HCADACD-792
7. Fixed an issue where users could take screenshots of a protected file's design when attaching the design to a diagram using the **Attach** option without **Copy** permission. HCADACD-781
8. Fixed an issue where a PDF file was exported without protection when using the **Print** option. HCADACD-801
9. Fixed an issue where authentication was triggered when a valid license was not available. HCADACD-803

6.4. Known Issues

This section lists the known issues in the current release.

1. When attempting to import the protected DGN file into the drawing file, the error message "*You have selected an unsupported DGN file*." will appear. HCADACD-486
2. If a protected file is opened from Recent documents or using the **Open** option in the start window, a pop-up message from AutoCAD will be displayed as "*Drawing file is not valid*" and the file will not open when Startup is set to 2 and Startmode is set to 0 or 1. HCADACD-534

6.5. Unsupported Versions

Support for AutoCAD 2024 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 "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

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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.