



**HaloCAD Add-on for DraftSight 1.2**  
**Release Notes**

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# 1. Introduction

The release notes provide brief and high-level descriptions of the new features of HaloCAD. Before installing HaloCAD, it is recommended to read the release notes to understand any current limitations or bugs that may apply to this version of the software.

## 2. Product Description

HaloCAD acts as the guardian of your CAD files by automatically protecting them with Microsoft Purview Information Protection (MPIP) labels whenever they leave your secure IT perimeter. As a plug-in for CAD applications, HaloCAD offers access to MPIP-protected files, including label handling and privilege enforcement. CAD users will not notice any differences in the handling of CAD files because protection takes place in the background. By seamlessly attaching MPIP labels to the CAD files while they are being created, it provides end-to-end security for those files.

### 3. 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 10, Windows 11, or above with updates installed. |
| Supported CAD applications  | DraftSight 2023 and 2024                                 |
| Supported file types        | Native file types: .dwg and .dxf                         |

*Requirements*

## 4. Prerequisites

The following preparatory steps or conditions must be met before installing the product.

The add-on requires the registration of an application with Microsoft Entra ID, an Office 365 subscription, and access to recommended URLs. For additional information, please refer to the Technical Reference Manual.

## 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 statical 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

- A = 0 Bugs
- B = at least 1 Minor Bug
- C = at least 1 Major Bug
- D = at least 1 Critical Bug
- E = at least 1 Blocker Bug

### Security Rating

- A = 0 Vulnerabilities
- B = at least 1 Minor Vulnerability
- C = at least 1 Major Vulnerability
- D = at least 1 Critical Vulnerability
- 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.

- A =  $\geq 80\%$
- B =  $\geq 70\%$  and  $<80\%$
- C =  $\geq 50\%$  and  $<70\%$
- D =  $\geq 30\%$  and  $<50\%$
- 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 alternately stated by saying that if the outstanding remediation cost is:

- $\leq 5\%$  of the time that has already gone into the application, the rating is A
- between 6 to 10% the rating is a B
- between 11 to 20% the rating is a C
- between 21 to 50% the rating is a D
- anything over 50% is an E

## 6. Build 1.2

### 6.1. New Features

This section lists the new features in the current release.

Support for DraftSight 2024. HCADDS-77

### 6.2. Improvements

This section lists the improvements in the current release.

1. Watermarking CAD files is now possible with the "label-only" MPIP label in this version. HCADDS-48
2. For standalone DraftSight, it is possible to configure and display a default sensitivity label in the scenarios below. HCADDS-49
  - a. When the new document is opened
  - b. When opening unprotected files
  - c. When importing unprotected files
3. As of this release, support has been added for masking or allowing clear text visibility of Personally Identifiable Information (PII) in the MIP SDK logs using the registry key `mipallowpii`. HCADDS-78
4. As of the previous release, watermark text was displayed horizontally by default, despite the label being configured to display the watermark diagonally. However, from this release, watermark text will be shown diagonally, as configured. HCADDS-79

### 6.3. Fixed Issues

This section lists the fixed issues in the current release.

1. Fixed an issue that caused a protected file to open as an unprotected file after the license was deactivated. HCADDS-34
2. Fixed an issue where the label of a protected file was removed after closing it with the **Edit Block** -> **Test Block** menu option. HCADDS-70
3. Fixed an issue that caused a Protected SVG file to be imported as an unprotected file when using the **Import** -> **SVG** option. HCADDS-71

## 6.4. Known Issues

This section lists the known issues in the current release.

1. A file is successfully protected, but when opened, it does not open with the appropriate rights as specified in the labels. Additionally, the restricted options will become active. HCADDS-9
2. When switching the workspace from **Classic** to **Drafting and Annotation** or **Drafting and Annotation** to **Classic**, the HaloCAD menu will disappear from the menu toolbar. After the application is closed and then reopened, the HaloCAD tab will appear in the menu toolbar. HCADDS-22
3. It is possible to install multiple versions of HaloCAD Add-on for DraftSight on one system. HCADDS-30
4. Reader: When you open a protected file, the **Export/Import** options will still be enabled even if the HaloCAD restriction message appears. HCADDS-53

## 6.5. 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                   | 80.7% |
| Maintainability Rating     | A     |
| Reliability Rating         | A     |
| Security Hotspots Reviewed | A     |
| Security Rating            | A     |

*Quality Gate report*



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## About Secude

Secude, a Microsoft and SAP Partner, is a global leader for Zero Trust Data-centric security and Enterprise Digital Rights Management (EDRM) solutions.

For more than 25 years Secude has been trusted by many Fortune 500 and DAX-listed companies for architecting, implementing, and protecting their data. Our data-centric security professionals apply their passion and deep domain expertise to provide a holistic approach to protect priceless Intellectual Property (IP) in CAD & SAP based collaborations and supply chains.

With branches in Europe, North America and Asia, Secude supports customers with the implementation of IT security strategies through a global network.