



**HaloCAD**

HaloCAD for Viewers 1.3

Release Notes

## Copyright

© 2023-2024 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  
Landenbergstrasse 34  
6005 Luzern  
Switzerland  
Tel: +41 41 510 70 70  
Mail: [info@secude.com](mailto:info@secude.com)

### Support

Web: <https://support.secude.com>  
Mail: [support@secude.com](mailto:support@secude.com)

# Table of Contents

<b>1. INTRODUCTION</b> .....	<b>1</b>
<b>2. PRODUCT DESCRIPTION</b> .....	<b>2</b>
<b>3. SYSTEM REQUIREMENTS</b> .....	<b>3</b>
<b>4. BUILD 1.3</b> .....	<b>6</b>
4.1. New Features .....	6
4.2. Improvements.....	6
4.3. Fixed Issues .....	6
4.4. Known Issues.....	6

# 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 for Viewers is a lightweight application designed to view HaloCAD-protected files in other CAD-Viewer applications with "View only" access to all the users who have access to it. This application is useful for Suppliers or Partners who need to access HaloCAD-protected models or drawings in their environment.

### 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 Viewer applications	<p>Any version of the 64-bit Viewer from the list below:</p> <ol style="list-style-type: none"> <li>1. Teamcenter Visualization Base 12.0, 14.0</li> <li>2. Teamcenter Visualization Standard 12.0, 14.0</li> <li>3. Teamcenter Visualization Professional 12.0, 14.0</li> <li>4. Teamcenter Embedded Visualization 12.0</li> <li>5. Teamcenter RAC Client 12.0</li> <li>6. Siemens Solid Edge 2D Drafting 2020, 2024</li> <li>7. Creo View Express 7.0</li> <li>8. Creo View 8.0</li> <li>9. Creo View Lite 7.0, 9.1, 10.0 and 11.0</li> <li>10. AutoCAD LT 2020, 2023, 2024 and 2025</li> <li>11. SAP 3D Viewer for only .VDS</li> </ol>
Supported File Types	<ol style="list-style-type: none"> <li>1. Creo: .pvs, .pz, .ed, .edz, .dwg, .dxf, and .step</li> <li>2. SolidEdge: .dft and .jt</li> <li>3. AutoCAD: .dwg and .dxf</li> <li>4. Teamcenter: .jt</li> <li>5. SAP: .vds</li> </ol> <p>Note: Extensions will be evaluated and added to the list in response to user requirements.</p>
Office 365 Subscription	<ol style="list-style-type: none"> <li>1. An Azure subscription is required to use Azure RMS and the MPIP functionality.</li> </ol>

## Secude

Components	Details
	<ol style="list-style-type: none"><li>2. A working Microsoft Entra ID service must be available.</li><li>3. Use the same <b>Application ID</b> and <b>Redirect URI</b> which is used by HaloCAD Add-on for CAD.</li><li>4. TLS 1.2 or higher must be enabled to ensure the use of cryptographically secure protocols at all client workstations.</li><li>5. Audit logging: Your Azure subscription must include Log Analytics on the same tenant as Microsoft Entra ID.</li></ol>

### Requirements

#### Recommended URLs, addresses, and ports for MPIP

MIP SDK doesn't support the use of authenticated proxies. So, make sure you set the Microsoft 365 endpoints to bypass the proxy. View a list of endpoints at "[Microsoft Online Documentation](#)". However, Microsoft recommends the following:

Addresses	Ports
*.protection.outlook.com 40.92.0.0/15, 40.107.0.0/16, 52.100.0.0/14, 52.238.78.88/32, 104.47.0.0/17, 2a01:111:f403::/48	TCP 443
*.aadrm.com, *.azurerms.com, *.informationprotection.azure.com, ecn.dev.virtualearth.net, informationprotection.hosting.portal.azure .net, *.office.com (add <a href="#">substrate.office.com</a> if you don't want to add all sub-domains), cr13.digicert.com, cr14.digicert.com .	TCP 443
<b>For event logging</b> *.events.data.microsoft.com	TCP 443

## Secude

---

National Cloud	Microsoft Entra ID authentication endpoint
Microsoft Entra ID for the US Government	https://login.microsoftonline.us
Microsoft Entra ID (global service)  For details on Microsoft Entra ID endpoints, please refer to " <a href="#">Microsoft Online Documentation</a> ".	https://login.microsoftonline.com

*Recommended endpoints*

## 4. Build 1.3

### 4.1. New Features

This section lists the new features in the current release.

1. Support for AutoCAD LT 2024. HCADV-191
2. Support for Teamcenter Visualization 14.0. HCADV-250
3. Support for SAP 3D Visual Enterprise Viewer SDK. HCADV-246
4. Support for AutoCAD LT 2024, Creo 10, Creo 11, and SolidEdge 2D Draft 2024. HCADV-245
5. Support for Annotations and Markup in SAP 3D Visual Enterprise Viewer 9.0 application for users with edit rights. HCADV-251

### 4.2. Improvements

This section lists the improvements in the current release.

In this version, the Clear Cache icon, which was used to clear the current user credential, has been replaced with User Reset. HCADV-249

### 4.3. Fixed Issues

This section lists the fixed issues in the current release.

1. Fixed an issue that caused the Creo View application to crash/close when attempting to open the protected "ed" file. HCADV-172, HCADV-192
2. Fixed an issue that enabled the **Save As** option and allowed saving the file as unprotected when opening a Creo STP file in the Creo View Lite 9.1 application. HCADV-190
3. Fixed an issue that prevented opening a protected Creo "pvs" file in the Creo View Express Application. HCADV-193
4. Fixed an issue that prevented the display of the HaloCAD Restriction popup and allowed files to be saved without protection. HCADV-196

### 4.4. Known Issues

This section lists the known issues in the current release.

1. It is not possible to open a protected DWG file in Creo View Express 7.0. HCADV-35

2. It is not possible to capture the screenshot of an unprotected file in Creo View Express, Solid Edge 2D Drafting, AutoCAD LT, or Teamcenter Visualization Viewer once HALOCAD for Viewers is initialized. HCADV-39
3. It is possible to change and save a protected file in AutoCAD LT, while doing so, the label will be removed. HCADV-40
4. When you double-click or right-click to open a protected VDS file with the **SAP 3D Visual Enterprises Viewer** option, it does not open in SAP 3D Visual Enterprise Viewer. HCADV-46
5. When opening protected files like IGES or IGS or when cloning, an unprotected intermediate .PAR or .VDS files will be created. HCADV-48
6. Multiple times the HALOCAD restricted will appear while opening a protected file in Teamcenter Visualization Base and clicking on the option **Tool-> Home** button. HCADV-50
7. A protected IGS file fails to open instead a pop-up will display as **Failed to open document**, appears while opening it. Furthermore, the Teamcenter Visualization base application goes to the **Not Responding** state. HCADV-51
8. In Creo View Express 7.0 will close abruptly if the **Active Mail via E-Mail** option is selected. HCADV-54
9. AutoCAD LT application will crash when you open a file and click the **Shared Views** option under the Collaborate tab. HCADV-58
10. It is possible to copy images from a protected file in the Creo View Express/Lite application. HCADV-59
11. While you double-click to open the protected file, an error message will appear as *"The file is not supported by Creo View"*. HCADV-60
12. It is not possible to open the protected file in SAP 3D Visual Enterprise Viewers by anyone other than the user who installed HALOCAD. HCADV-66
13. AutoCAD LT application will crash while exporting the protected file in .DGN format. HCADV-69
14. When a Viewer application is installed in a way to start (run as) administrator, you may receive an error message *"Drawing file" is not valid* instead of the HALOCAD pop-up *"Protected files can be loaded"*. This is because the HALOCAD for Viewer application did not load properly because of the lack of administrator privilege in the existing instance. HCADV-75  
Workaround: Close the existing HALOCAD for the Viewer instance and start the viewer with administrator privilege.
15. Protected JT files exported from NX 1953 and 1899 series will not open in Teamcenter Visualization Base 12.0. HCADV-87
16. By selecting **Save As** in Solid Edge 2D Drafting, it is possible to save a protected draft file without protection. HCADV-92

17. In Solid Edge 2D Drafting, it is possible to copy drawings from a protected draft file and save them as unprotected files. HCADV-94
18. It is not possible to open the protected Solid Edge file by double-clicking on it and doing so would result in an error message from the Solid Edge 2D Drafting tool. HCADV-95
19. The protected AutoCAD file cannot be opened by double-clicking on it, and doing so will result in an error message from the AutoCAD LT 2020 application. HCADV-97
20. It is possible to take a screenshot or print a screen of the protected JT file from the JT preview window in the Teamcenter Embedded viewer application. HCADV-98
21. When opening an unprotected file in the same session in the same folder in Solid Edge 2D Drafting, the previously opened protected file will be displayed. HCADV-108
22. Solid Edge 2D Drafting application will crash if you click the **OK** option in the HALOCAD restriction pop-up while accessing the **Recent Documents** option from the quick access menu or **Arrange & Show** option under the **View** tab. This issue only occurs when a protected file is opened during an active session. HCADV-122
23. When attempting to export a protected file, the HALOCAD restriction message appears many times, and clicking OK causes the AutoCAD LT application to crash. HCADV-157
24. It is possible to export the protected file as unprotected from Creo View application using **Save Current View As** option. HCADV-160
25. The Creo View 9.1 application will crash if an unauthorized user attempts to open a protected file. HCADV-161
26. Unprotected files are saved when exporting the protected DWG/DXF and PVS files to various file locations with the **Save As** option. HCADV-217



[www.secude.com](http://www.secude.com)

## 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.