



HaloCAD

HaloCAD for TCAI

Release Notes

Version 1.0

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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 for TCAI is a lightweight application that uses Microsoft Purview Information Protection functionality to decrypt HaloCAD-protected CAD files during bulk loading operations in Teamcenter integration with Autodesk Inventor. This enables protected Inventor files to be scanned and processed by the TCAI Bulk Loader.

3. System Requirements

The following system requirements table outlines the minimum and recommended technical specifications, including software and network requirements, necessary to run the product.

Components	Details
Supported Operating Systems	Windows 11 or above with updates installed.
Supported File Types	.ipt, .iam, .ipn, .idw, and .dwg
Supported Teamcenter and Inventor applications	TCaXBulkLoader with Teamcenter 14 and Inventor 2024

Requirements

4. Prerequisites

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

1. An application is registered with Microsoft Entra ID.
2. An active Office 365 subscription is available.
3. Access to the recommended URLs is enabled.
4. TLS 1.2 or later is enabled on all client workstations to ensure secure communication.

For more information, refer to the **Technical Reference Manual**.

5. Build 1.0

This chapter provides an overview of the updates and quality insights included in this release.

Key Features

This section highlights the new features in the current release.

1. HaloCAD for TCAI reads protected Autodesk Inventor files and enables the TCAI Bulk Loader to scan and upload files into Teamcenter.
2. Provides logging support, including HaloCAD and MIP SDK logs.
3. Supports enabling the FIPS module through both the installer UI and silent installation; when enabled, MPIP uses FIPS-compliant encryption algorithms, and when disabled, it uses standard encryption algorithms. If not enabled during installation, this option can be configured later through a registry setting.



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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.