



openCAD



OpenCAD Utility

12.10.1 Product Release Notes

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Resources

Here below you may find the link for accessing OpenCAD resources:

Documentation Site :

<https://docs.hexagonali.com/p/opencad>

Hexagon University:

<https://universityhexagonali.360learning.com/paths/6515b495f8606307675dccc/home>

OpenCAD videos

<https://vimeo.com/showcase/10666314>

About this document

This document provides information about the enhancements and changes in EAM. See the Resolved Issues document for the list of fixed issues that are included in this update. Details of previous updates for this year are also included in these documents

Release overview

This chapter provides compatibility information and upgrade considerations for OpenCAD Utility

Compatibility information

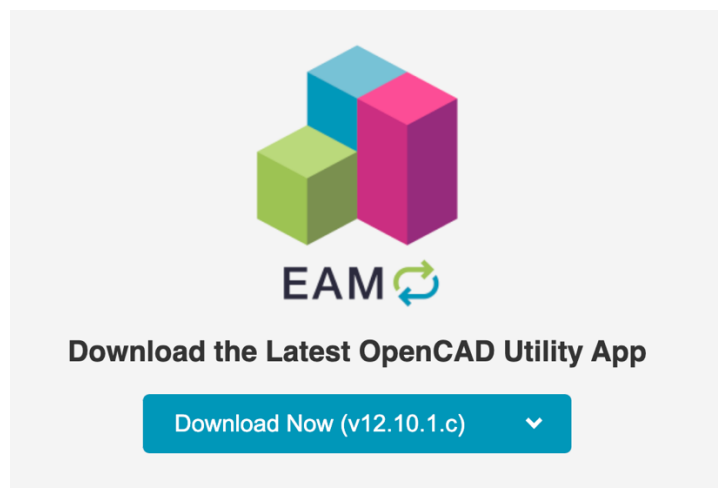
OpenCAD Utility is designed to be compatible with the corresponding version of HxGN EAM OpenCAD and its older versions. So, the HxGN EAM user won't have an issue in adopting the latest version of the OpenCAD Utility even if its EAM and OpenCAD version are older than the Utility.

Update policy

OpenCAD Utility upgrade is now available as we continue to enhance the product.

The APP is downloadable from the link below. You can choose between .exe / .msi options

<https://www.cadservice.cloud/download-center/app/>



Once downloaded, the upgrade must be installed on the EAM user's computer like any other windows APP. It's easy and takes just one minute.

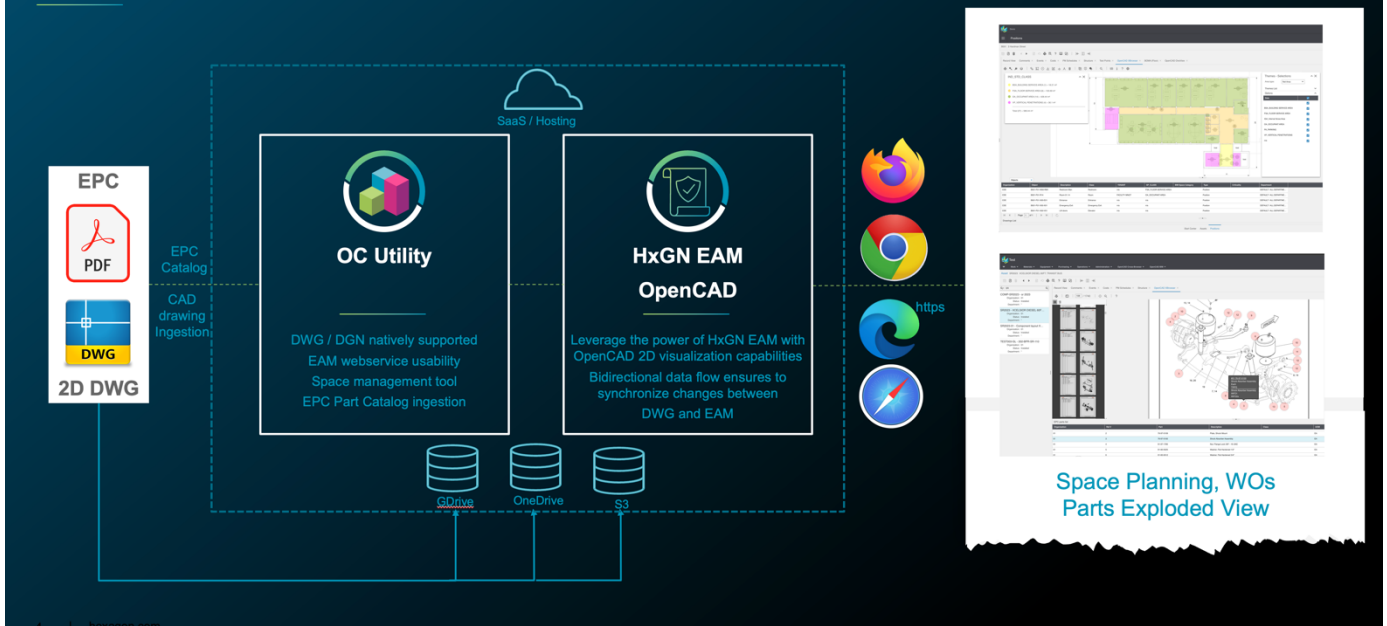
Can the EAM client access OC Utility as a SaaS offering?

OpenCAD Utility is also available to EAM users in the Cloud, through an AWS link provided by CADSERVICE.

This scenario allows EAM customers to access and use the OC Utility without any concern about its version and it might be used also from Mac or Chromebook.

This is an add-on and it can be requested by contacting OpenCAD team.

OpenCAD - Product Architecture



Upgrade considerations for this update

None

Incompatibility issues for all OpenCAD Utility releases

This release does not support the ingestion of drawings having file name that includes the following characters:

#, \$, %, &, ' , +

However, the EAM user can accept that the OC utility removes those special character automatically before the ingestion occurs.

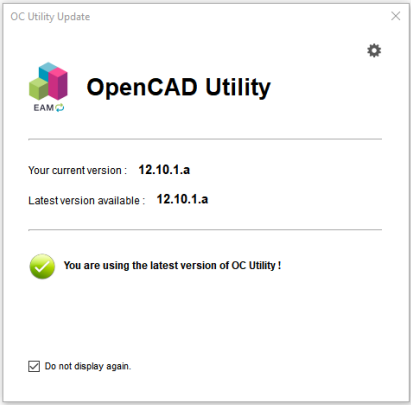
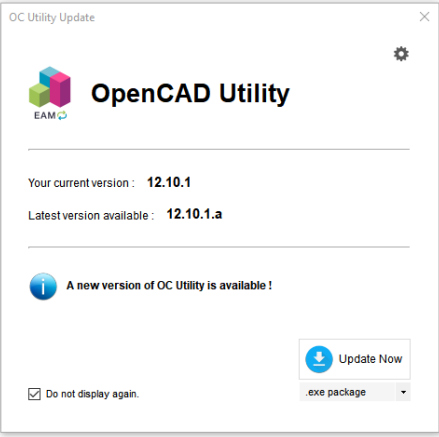
Language availability

English is the standard language for presentation of information within the system. Technical items and documentation are provided in English only.

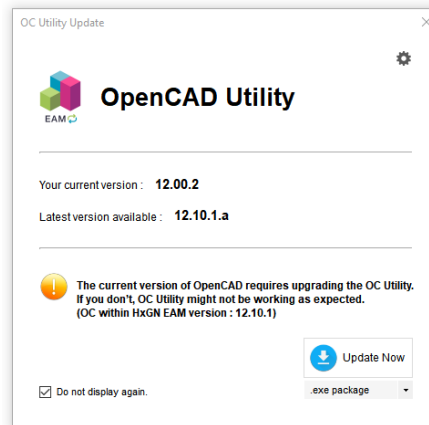
OpenCAD Utility 12.01.1

This chapter describes the updates delivered in OpenCAD Utility 12.10.1

Solution enhancements

Area / Component	Solution Enhancement
<p>Update</p>	<p>This version implements an automated process to ensure the application remains consistently up to date. The EAM user receives notifications for the following events:</p> <ul style="list-style-type: none"> - When he is using the latest version -> Good to go  <ul style="list-style-type: none"> - When he is not using the latest version even if won't have issue with the current EAM version -> Suggesting the update 

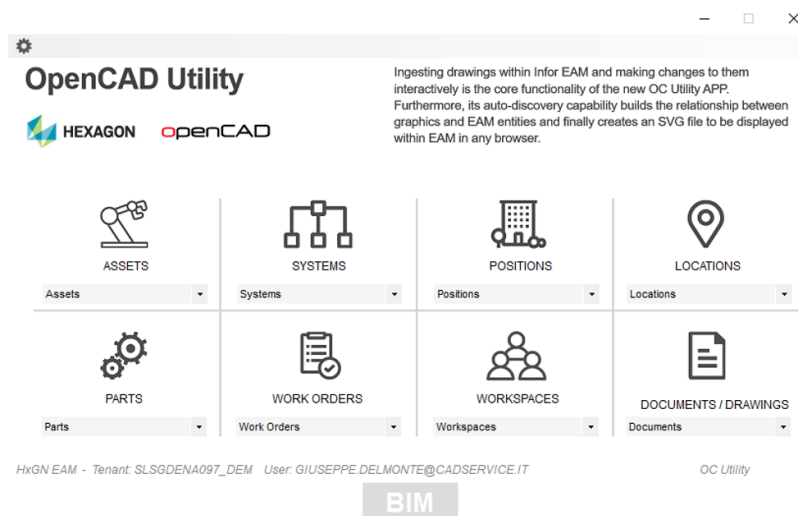
- When he must proceed with the upgrade because the EAM version is no longer compliant -> **Requesting the upgrade**



Scope of work

In this case the user is invited to proceed by selecting **”Update Now”**

This version confirms the scope of work that has been introduced in the previous version. So that, OpenCAD Utility is usable for both 2D and 3D ingestion processes.



Product improvements (PIRs)

Area / Component	Solution Enhancement
Synchronization	OC Utility can synchronize with EAM settings that impact OpenCAD functionality during the login phase. Moreover, a Sync function has been added that an EAM user can use during the editing phase of a drawing to avoid logging out and logging in.

**BIM
Mapping Template**

OC Utility introduces the Mapping Template capability. It allows the creation of the BIM mapping as a template for using it for multiple IFC models with the same PSET, avoiding the need to redo it every time. This case interests many customers due to the need to ingest various models with the same PSET.

**Auto-discovery
enhancement**

The auto-discovery capability now offers the ability to utilize a different EAM field, including User-Defined Fields (UDFs), for performing the matching process with the drawing. This introduces a new concept called "Alias," which works in conjunction with the EAM code, just as it did before

**CAD engine
enhancement**

A new command has been added for exporting a drawing block as DWG.

Color coding

OpenCAD uses a color coding of 256 items which is compliant with AutoCAD's color coding. Has been removed a non-conformity between two different tables of the application.

**User's profile
setting**

You can now configure your path for the OpenCAD Libraries. That folder is no longer part of the product installation; rather, it will be configurable where the user prefers to maintain his own libraries.

**Workspace
configuration**

It is now possible to customize the fields of the Workspaces grid within the drawing. To obtain additional fields in the Workspaces grid within the drawing, add the desired fields of R5WORKSPACES in the select statement of the EAM OC0040A query.
In encoding with aliases, you must add the same fields to the OC0043A query.

Configuring Tenant

OC Utility allows to set multiple tenants so that you can easily switch from different tenant before login.
In the very remote case of having two different environments which have the same tenant's name, it does not create any error anymore.

Known issues

The following is a list of known issues with the latest version of OC Utility. Some of these are outside the control of the OpenCAD development team and relate to issues within particular SO and browsers. OpenCAD development team will pursue solutions to these issues in the future, but many will require changes in the associated components to accomplish this.

Area / Component	Known Issues
User login	<p>To access EAM via OC Utility, the OpenCAD product must be installed or activated first, and then the OpenCAD cdkey and OpenCAD BIM cdkey must be valued within EAM.</p> <p>The OC Utility login fails in the remote case that the CDKEYDWG and CDKEYBIM have not been valued. Unfortunately, The error messages are not very comprehensive and will be fixed in the next version.</p>
<i>EAM advanced document functionality</i>	<p>EAM 12.1 introduces new features regarding documents, such as lock, revision control, etc.</p> <p>That advanced feature might have an impact on OpenCAD behavior. It is a priority for the OpenCAD team to embrace this new avenue for taking advantage of this new development to build an additional layer of intelligence and communication between drawings and EAM documents.</p>
<i>Auto-discovery enhancement</i>	<p>The auto-discovery “Alias” does not recognize codes written in lowercase. It is a known issue, and the OpenCAD team will remove it in the next patch.</p>