



INFORMATION TECHNOLOGY AND SERVICES



VCAD

ACC VERSION

WHAT IS VCAD FOR ACC



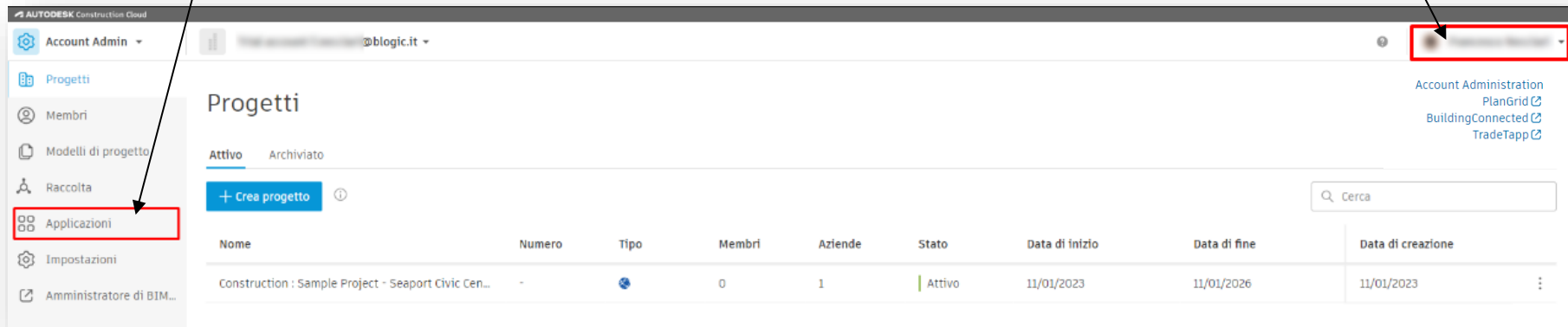
Vcad for ACC is the integration between Autodesk Construction Cloud® and the Vcad platform, that allows the easy and immediate creation of reports and dashboards in Power BI, using the data and graphic elements of your BIM files.

This integration allows users to access their models stored on Autodesk Construction Cloud® directly from the Vcad for ACC web app. The data extraction and report creation will all be managed by the Vcad for ACC app without the need to copy files to an external repository. Finally, you can share your Vcad slots with your team.

HOW TO START USING VCAD FOR ACC ¹

To be able to use Vcad for Autodesk Construction Cloud® it is necessary to authorize the Vcad app through your Autodesk account. To do this you need an administrator account, let's see how to do so, step by step.

After logging into Autodesk Construction Cloud®, click on the top right menu under the username and select ACCOUNT ADMINISTRATION, then click the APPS link in the left menu.

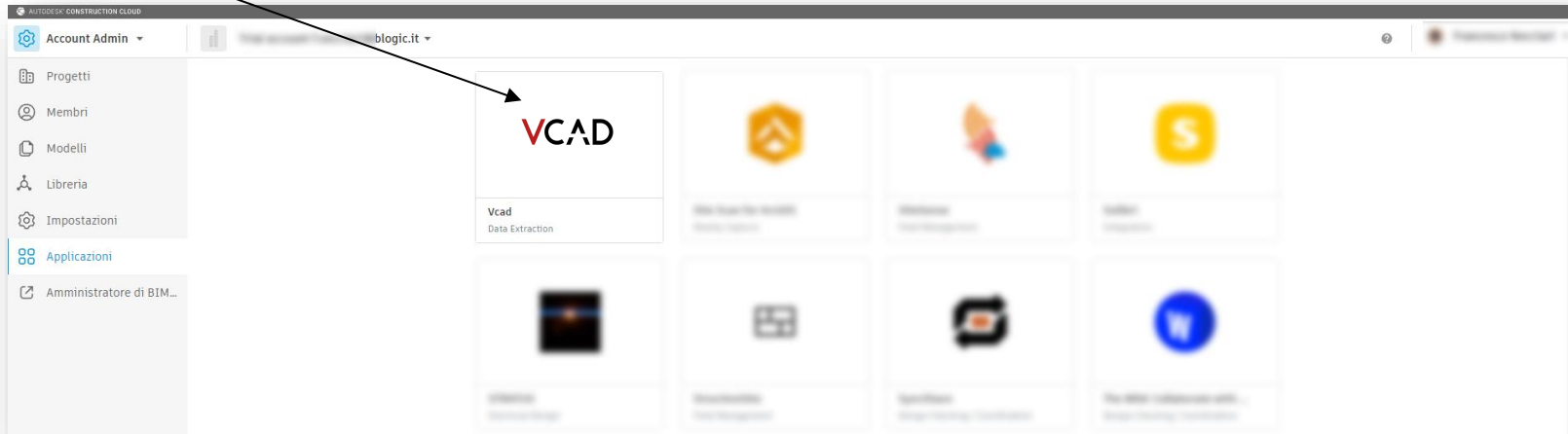


The screenshot displays the Autodesk Construction Cloud interface. The left sidebar contains a menu with the following items: Account Admin, Progetti, Membri, Modelli di progetto, Raccolta, Applicazioni (highlighted with a red box), Impostazioni, and Amministratore di BIM... An arrow points from the text 'click the APPS link in the left menu' to this red box. The top right corner shows a user profile dropdown menu (highlighted with a red box) with an arrow pointing to it from the text 'click on the top right menu under the username and select ACCOUNT ADMINISTRATION'. The main content area is titled 'Progetti' and includes a '+ Crea progetto' button. Below this is a table of projects.

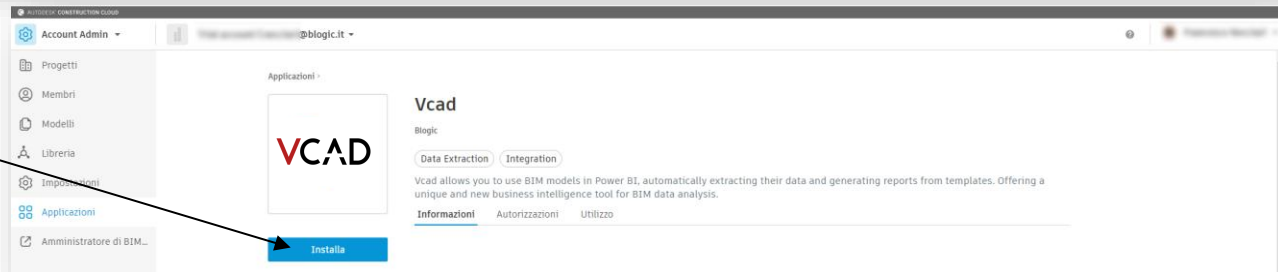
Nome	Numero	Tipo	Membri	Aziende	Stato	Data di inizio	Data di fine	Data di creazione
Construction : Sample Project - Seaport Civic Cen...	-		0	1	Attivo	11/01/2023	11/01/2026	11/01/2023

HOW TO START USING VCAD FOR ACC 2

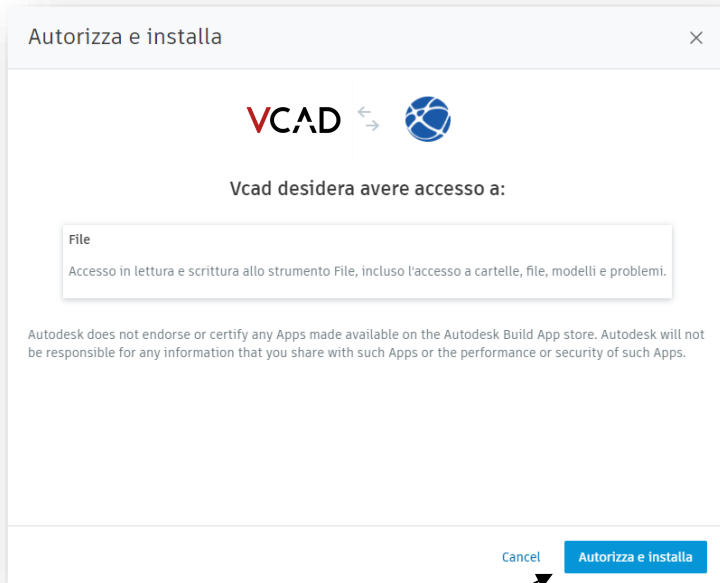
Find the Vcad APP among the various apps and click on it.



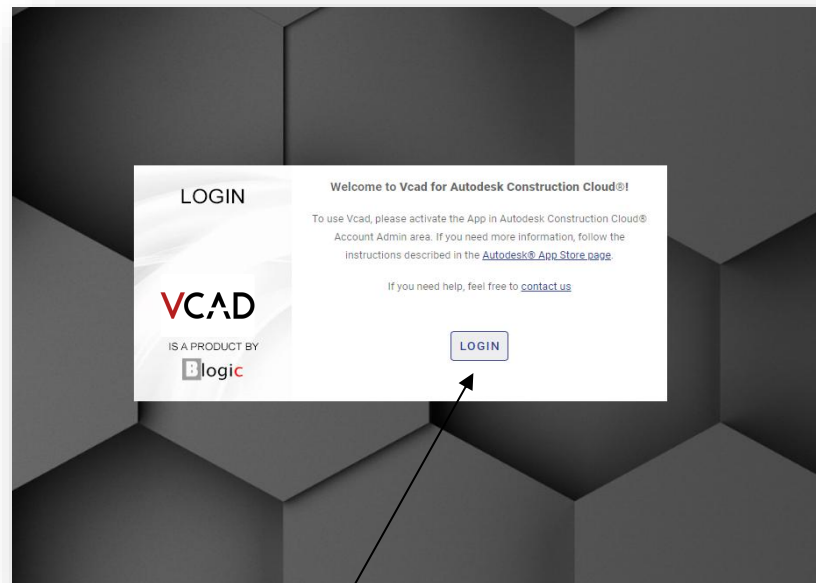
Then click INSTALL



HOW TO START USING VCAD FOR ACC ³



Finally, click AUTHORIZE AND INSTALL.



Done. You can now access Vcad for ACC at this address <https://vcad360.vcad.it/> using your Autodesk credentials.

VCAD FOR ACC INTERFACE

The Vcad for ACC interface gives users access to their hubs and is a faithful representation of the Autodesk Docs structure. Users can import their files for use with Vcad, download Power BI templates, manage versions and use them to update reports, take control over slots occupied, and use runtime federation from a single, easy and intuitive interface.

1. Autodesk hubs and projects
2. Vcad for ACC menu
3. Settings and account info
4. ACC projects folder list
5. Bulk actions
6. Files actions
7. File list
8. File version list
9. Model preview
10. File info

The screenshot displays the VCAD for ACC interface with the following components and callouts:

- 1:** Top navigation bar with "VCAD" logo and "Blogic > DemoSite" dropdown.
- 2:** Tabs for "DOCS", "SLOT MANAGER", and "FEDERATIONS".
- 3:** User profile icon in the top right corner.
- 4:** Left sidebar showing a "Folders" tree with "Plans" and "Project Files" categories.
- 5:** Top right action bar containing "FEDERATIONS", "BATCH ACTIONS", and "FILTER PROFILES" buttons.
- 6:** "Info" panel on the right with buttons for "VIEW", "TEMPLATES", "CLEAR SLOT", "RESTART CONVERSION", "VIEWS LIST", "DOWNLOAD DATA", "AUTOMATIC FILE UPDATE", and "UPD SLOT".
- 7:** Main "Files" table listing documents with columns: NAME, VCAD STATUS, VER, USER NAME, SIZE, IMPORT DATE, and CONVERSION.
- 8:** "Versions" table below the Files table, showing document history with columns: VERSION, VCAD STATUS, USER NAME, SIZE, IMPORT DATE, and CONVERSION.
- 9:** Model preview area on the right showing a 3D architectural model.
- 10:** File information panel on the right displaying details for "multispace.ifc", including display name, date, type, version, source file name, and viewable name.

NAME	VCAD STATUS	VER	USER NAME	SIZE	IMPORT DATE	CONVERSION
multispace.0001.rvt	Imported	V1	giovanni livi	5.05 MB	25/03/2025, 12:22:31	APS data
multispace.0002.rvt	Not imported	V1	giovanni livi	5.08 MB	Not imported	
multispace.0003.rvt	Not imported	V1	giovanni livi	5.07 MB	Not imported	
multispace.0004.rvt	Not imported	V1	giovanni livi	5.11 MB	Not imported	
multispace.0005.rvt	Not imported	V1	giovanni livi	5.11 MB	Not imported	
multispace.ifc	Imported	V4	giovanni livi	132 kB	02/04/2025, 15:07:53	Unified format
multispace.ifc.log	Not supported	V4	giovanni livi	1.48 kB	Not imported	

VERSION	VCAD STATUS	USER NAME	SIZE	IMPORT DATE	CONVERSION
V4	Imported	giovanni livi	132 kB	02/04/2025, 15:07:53	Unified format
V3	Not imported	giovanni livi	47.8 kB	Not imported	
V2	Imported	giovanni livi	42.7 kB	08/09/2022, 11:59:48	Xbim data
V1	Imported	giovanni livi	43.7 kB	08/09/2022, 11:49:49	Xbim data

Autodesk Construction Cloud® File info

Display name: multispace.ifc

Date: 08/09/2022, 10:20:28

Type: Items

Version: 4

Source file name:

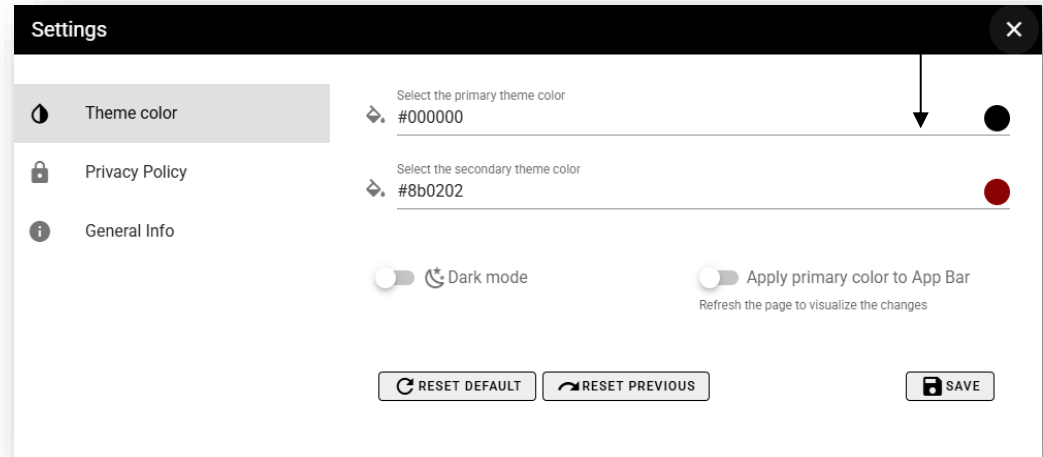
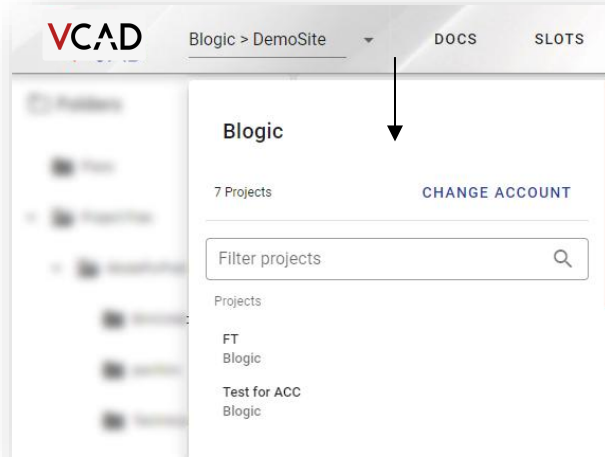
Viewable name:

Slots: 938/1000 Expires on: No expiration date

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VCAD FOR ACC INTERFACE

Autodesk hubs and projects/Settings and account info



User can access all Autodesk hubs that have activated the Vcad App (CHANGE ACCOUNT link) and related projects for which they have access in ACC.

This section is used to navigate the different projects. [Click here](#) to find out how Vcad manages Autodesk ACC users.

Vcad for ACC settings allow you to customize the interface. The user can change the primary and secondary color of the platform and activate dark or light mode.

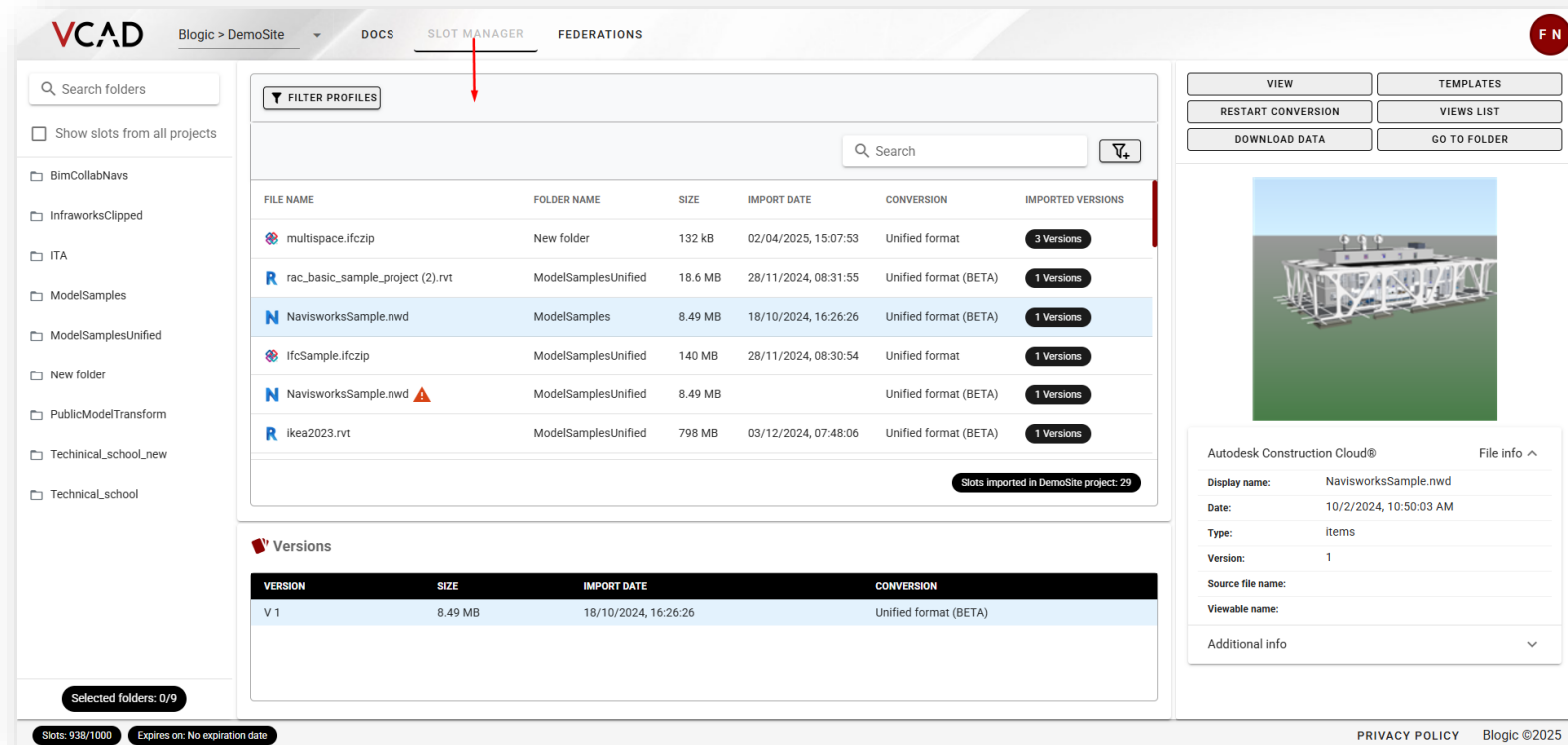
In addition, this section contains general information, directions on assistance and the Privacy policy governing the use of Vcad.

VCAD FOR ACC INTERFACE

Vcad for ACC menu

The Vcad for ACC menu contains three items, DOCS and SLOT MANAGER and FEDERATIONS.

From the SLOT MANAGER menu, you can access the slot management page. Here you can get an overview of the occupied slots, see previews of your BIM models, download templates, and clear slots, without having to navigate through the ACC DOCS folder tree.



VCAD Blogic > DemoSite DOCS **SLOT MANAGER** FEDERATIONS

Search folders

Show slots from all projects

BimCollabNavs

InfraworksClipped

ITA

ModelSamples

ModelSamplesUnified

New folder

PublicModelTransform

Technical_school_new

Technical_school

Selected folders: 0/9

Slots imported in DemoSite project: 29

Filter Profiles

Search

FILE NAME	FOLDER NAME	SIZE	IMPORT DATE	CONVERSION	IMPORTED VERSIONS
multispace.ifczip	New folder	132 kB	02/04/2025, 15:07:53	Unified format	3 Versions
rac_basic_sample_project (2).rvt	ModelSamplesUnified	18.6 MB	28/11/2024, 08:31:55	Unified format (BETA)	1 Versions
NavisworksSample.nwd	ModelSamples	8.49 MB	18/10/2024, 16:26:26	Unified format (BETA)	1 Versions
IfcSample.ifczip	ModelSamplesUnified	140 MB	28/11/2024, 08:30:54	Unified format	1 Versions
NavisworksSample.nwd	ModelSamplesUnified	8.49 MB		Unified format (BETA)	1 Versions
ikea2023.rvt	ModelSamplesUnified	798 MB	03/12/2024, 07:48:06	Unified format (BETA)	1 Versions

Versions

VERSION	SIZE	IMPORT DATE	CONVERSION
V 1	8.49 MB	18/10/2024, 16:26:26	Unified format (BETA)

VIEW

TEMPLATES

RESTART CONVERSION

VIEWS LIST

DOWNLOAD DATA

GO TO FOLDER

Autodesk Construction Cloud® File info

Display name: NavisworksSample.nwd

Date: 10/2/2024, 10:50:03 AM

Type: Items

Version: 1

Source file name:

Viewable name:

Additional info

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VCAD FOR ACC INTERFACE

File list/File version list

The main body of the Vcad for ACC interface contains the list of Autodesk files and versions.

The VCAD STATUS column contains the status of the file: Imported, Not Imported, Not Supported and Error (in case of file conversion failure).

Possible operations for an unimported file are:

VIEW: show the preview of the file.

IMPORT: convert the file to be used in Vcad.

VIEWS LIST: show the view list for Revit files.

An imported file has additional options:

TEMPLATES: open the template download window.













CLEAR SLOT: clear the slot.

RESTART CONVERSION: reconvert the file.









DOWNLOAD DATA: download the data extracted from the file in CSV or PARQUET format.

AUTOMATIC FILE UPDATE: enables the automatic update of the file when a new version is created, [click here](#) for more information.

UPD SLOTS: update the slot with a different file version, [click here](#) for more info.

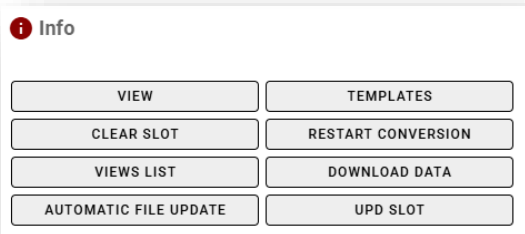
NAME	VCAD STATUS	VER	USER NAME	SIZE	IMPORT DATE	CONVERSION
 multispace.ifc	 Imported		VIEW	132 kB	02/04/2025, 15:07:53	Unified format
 multispace.ifc.log	 Not supported		TEMPLATES	1.48 kB	Not imported	
 multispace.rvt	 Not imported		CLEAR SLOT	5.23 MB	Not imported	
 rac_basic_sample_project.ifc	 Imported		RESTART CONVERSION	26.9 MB	02/04/2025, 15:01:53	Unified format
 rac_basic_sample_project.ifc.log	 Not supported		VIEWS LIST	1.49 kB	Not imported	
 rac_basic_sample_project.rvt	 Not imported		DOWNLOAD DATA	18.7 MB	Not imported	
			AUTOMATIC FILE UPDATE			
			UPD SLOT			
				Rows per page:	50	1-12 of 12

Versions

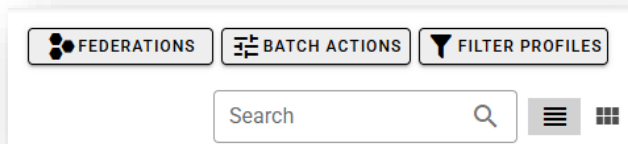
VERSION	VCAD STATUS	USER NAME	SIZE	IMPORT DATE	CONVERSION
 V4	 Imported	giovanni livi	132 kB	02/04/2025, 15:07:53	Unified format
 V3	 Not imported	giovanni livi	47.8 kB	Not imported	
 V2	 Imported	giovanni livi	42.7 kB	08/09/2022, 11:59:48	Xbim data
 V1	 Imported	giovanni livi	43.7 kB	08/09/2022, 11:49:49	Xbim data

VCAD FOR ACC INTERFACE

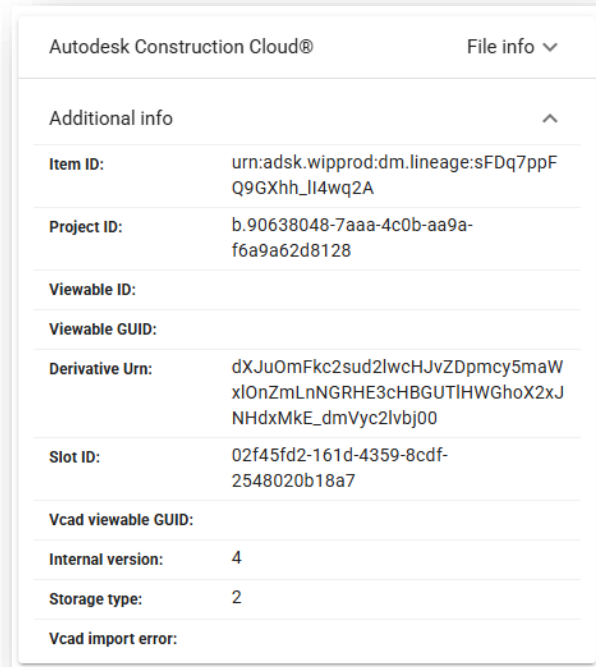
File actions / Bulk actions /File info



The File Actions panel contains all the possible operations on files as described in the previous slide. It changes according to the state of the selected file.



The Bulk Actions panel contains a box for filtering files, two options for changing between list mode and tile mode, functionality to perform bulk operations on files (import or slot cleaning), and defining runtime file federations.



The Vcad Info panel contains information about the selected file. In particular, the Slot ID and the Autodesk data.

RUNTIME FEDERATION

Definition

Vcad Runtime Federations allow you to generate reports in seconds containing multiple BIM models that will be dynamically loaded. The Federations window can be accessed by using the Federations bulk action.

The DEFINITION tab allows the creation and management of federations, adding and removing files, and downloading templates.

DEFINITION

ALIGNMENT

DEFINITION ALIGNMENT

1 The side button panel has various functions:

NEW FEDERATION: creates a new federation.

TEMPLATE: opens the template download window.

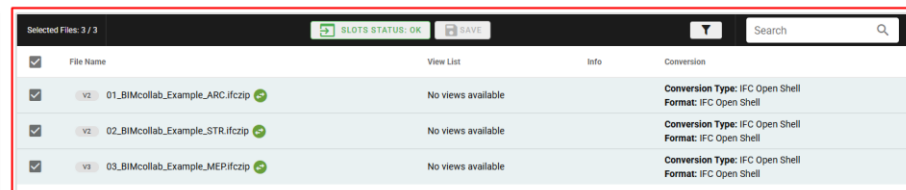
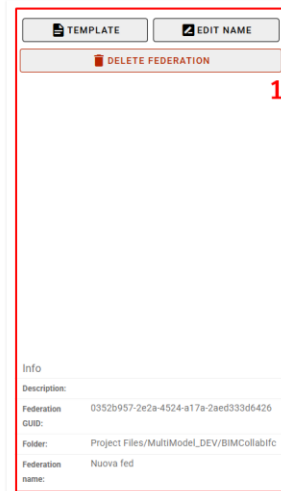
EDIT NAME: changes the name of the federation.

DELETE FEDERATION: deletes the federation.

To create a federation:

- Click NEW FEDERATION button
- Choose a name and click save
- Select the federation files and save

[Click here](#) to learn more about runtime federation.



2 On the right panel you have access to the list of files that are part of the federation.

The top indicators allow you to monitor the status of the slots, preview the federation files, and save changes. If one of the files used for the federation is deleted, the slot status will report an error.

You can add or remove files from the federation at any time. Remember to save the federation!

RUNTIME FEDERATION

Alignment

Vcad Runtime Federations allow you to generate reports in seconds containing multiple BIM models that will be dynamically loaded. The Federations window can be accessed by using the Federations bulk action. From the ALIGNMENT tab it is possible to select federation models and align them if necessary.

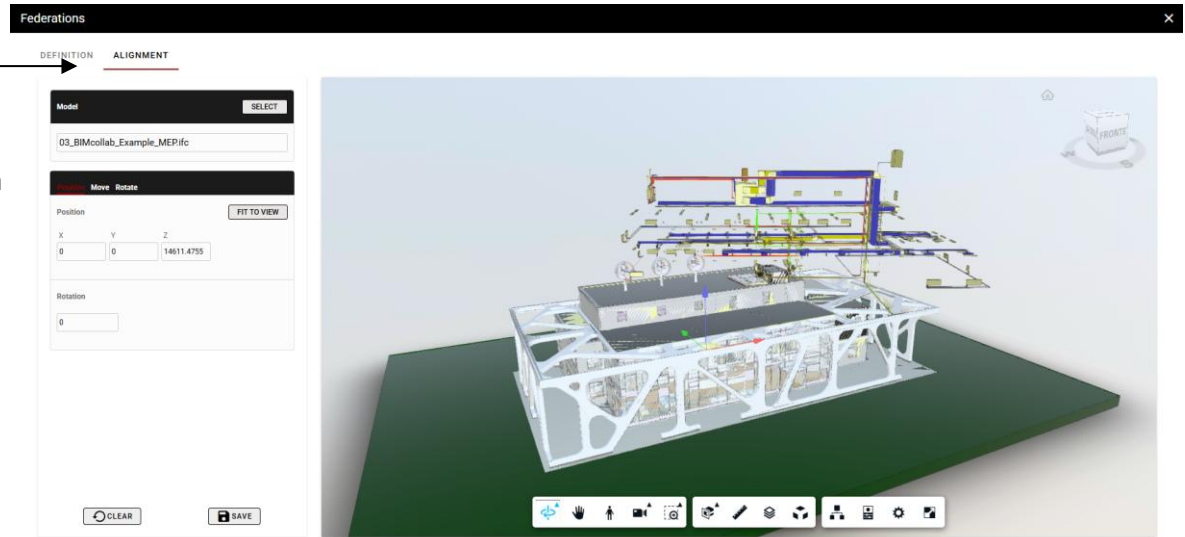
DEFINITION

ALIGNMENT

The ALIGNMENT section is used to align federation models. BIM models may not be aligned once the federation is created, but through this interface you can take action.

You can select individual models and through various options, change the position of the models to find the ideal alignment. Once the alignment is satisfactory it is necessary to save.

Should the alignment be changed after a report has already been created, simply refresh the report for it to load the new settings.



RESOURCES

Gathered below are all the sources useful in making the best use of Vcad.

You can find detailed documentation, use cases, samples, webinars and much more. Follow us so you don't miss future updates.



DOCS



WEBINARS



SAMPLES



BLOG



LINKEDIN



YOUTUBE

Our support team is always available to answer your questions.

For any needs or requests you can use [this form](#).



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THANK YOU