

ARCHLine.XP 2025

OpenBIM®

Architecture • MEP • Interior

Easy to use

Integration with other platforms

Lifetime license

Gstarsoft & CadLine

Gstarsoft, proveedor líder en China de software industrial centrado en I+D, anunció recientemente la adquisición de CadLine, empresa húngara especializada en el desarrollo de software de Modelado de Información de Construcción (BIM). La finalización de esta adquisición significa que Gstarsoft entra en el creciente mercado BIM, lo que supone un avance significativo en su estrategia de globalización..



19 / 5.000

Red de Colaboradores ARCHLine.XP

Cadline se dedica al éxito de sus socios y ofrece soporte integral a sus revendedores.





BIM in architectural
design



Interior design tools



Full documentation



Visual design

ARCHLine.XP es un software de información de construcción (BIM) diseñado para profesionales de la arquitectura, el diseño de interiores y la construcción. Desarrollado por la empresa húngara CadLine, ARCHLine.XP ofrece un completo conjunto de herramientas para crear y editar un modelo 3D a partir de un plano 2D, generar documentación detallada y colaborar con los miembros del equipo (trabajo en equipo). Admite diversos formatos de archivo, como DWG, DXF, IFC, RVT, RFA, 3DS y OBJ, lo que permite a los usuarios importar y exportar archivos desde otros software CAD y BIM.

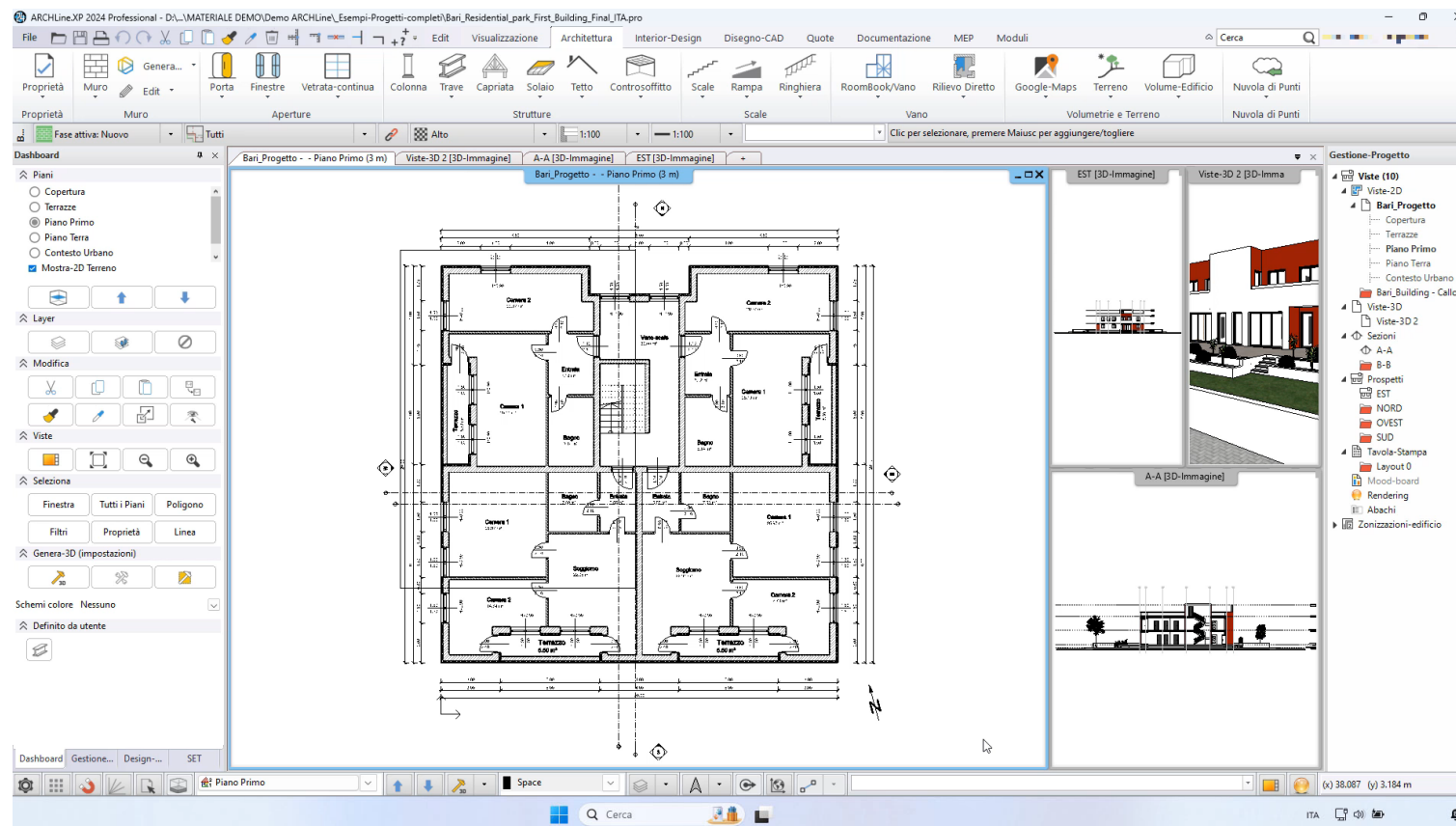
ARCHLine.XP ofrece importación y exportación de IFC con certificación buildingSMART, basada en la versión IFC2x3-TC1. ARCHLine.XP también es compatible con la importación y exportación de IFC 4.x. El servicio de base de datos bsDD buildingSMART está integrado.

Algunas de las características clave de ARCHLine.XP son el diseño paramétrico, el renderizado avanzado, la visualización 3D, la consignación de edificios, las herramientas de procesamiento de nubes de puntos y las herramientas de gestión de proyectos. El software funciona con una biblioteca abierta de materiales y objetos e incluye una biblioteca de objetos y materiales prediseñados que facilitan a los usuarios la creación de modelos y visualizaciones realistas.

GESTIÓN DE PROYECTOS

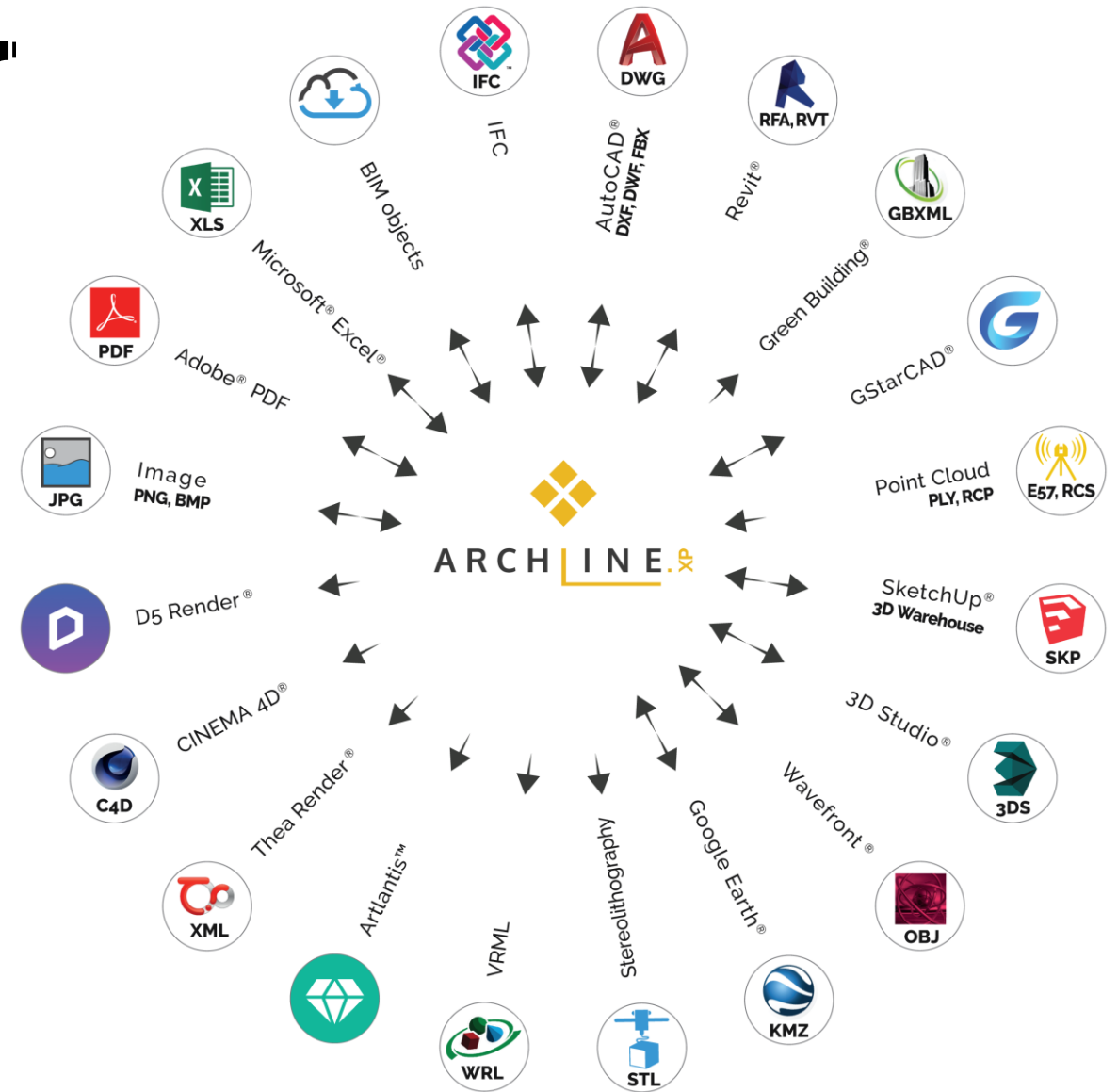
El trabajo en ARCHLine.XP se realiza en archivos de proyecto. Estos archivos .PRO contienen todos los datos relevantes de su edificio: planos de planta, secciones y elevaciones, todo en un solo archivo.

Organización del proyecto con vistas 2D y 3D vinculadas entre sí y siempre alineadas.



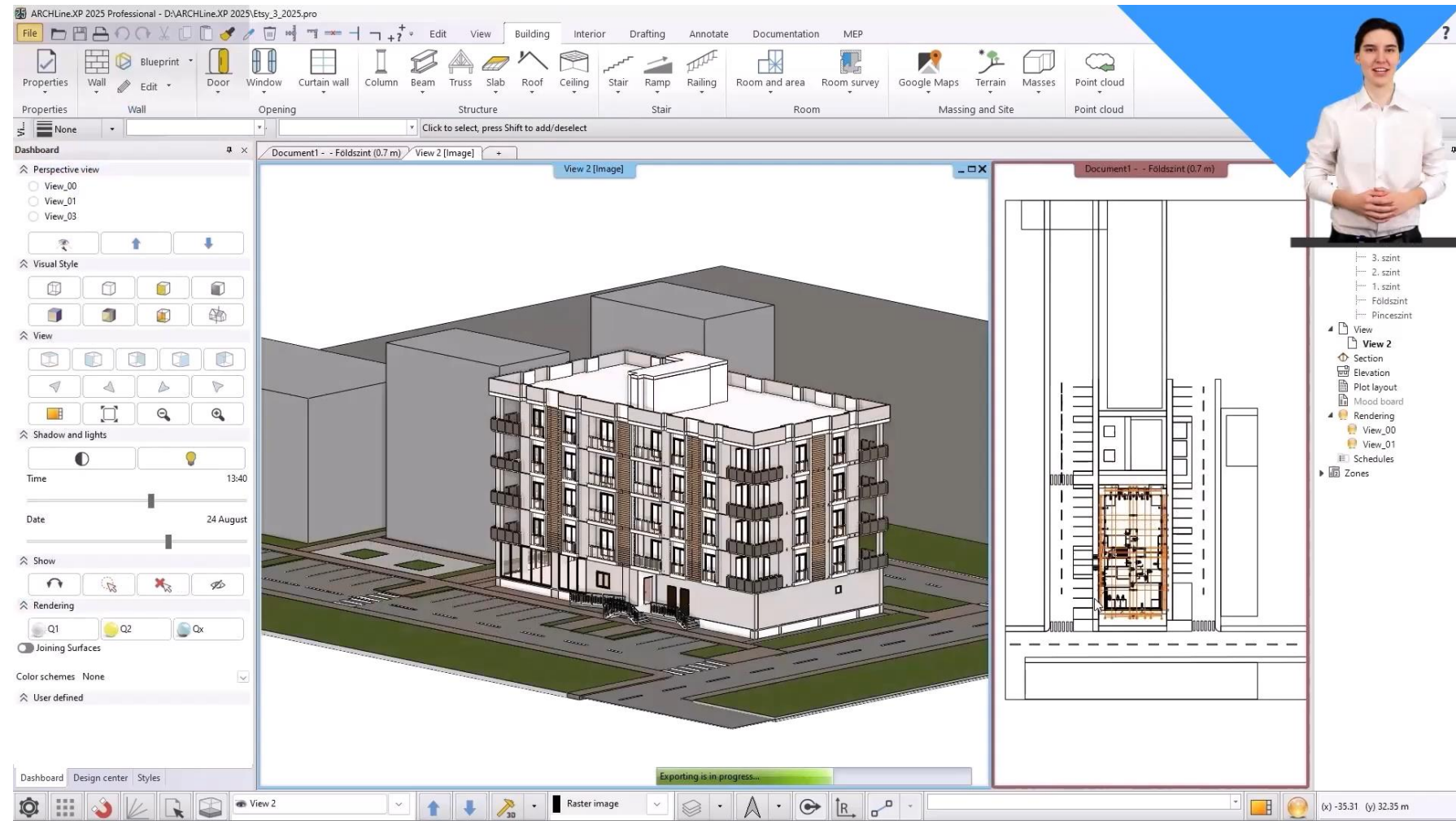
Importación y export

La lista de software con el que ARCHLine.XP es compatible es muy amplia, permitiendo compartir archivos y proyectos con las herramientas CAD/3D/BIM más importantes del mercado.



EXPORTACIÓN DE REVIT

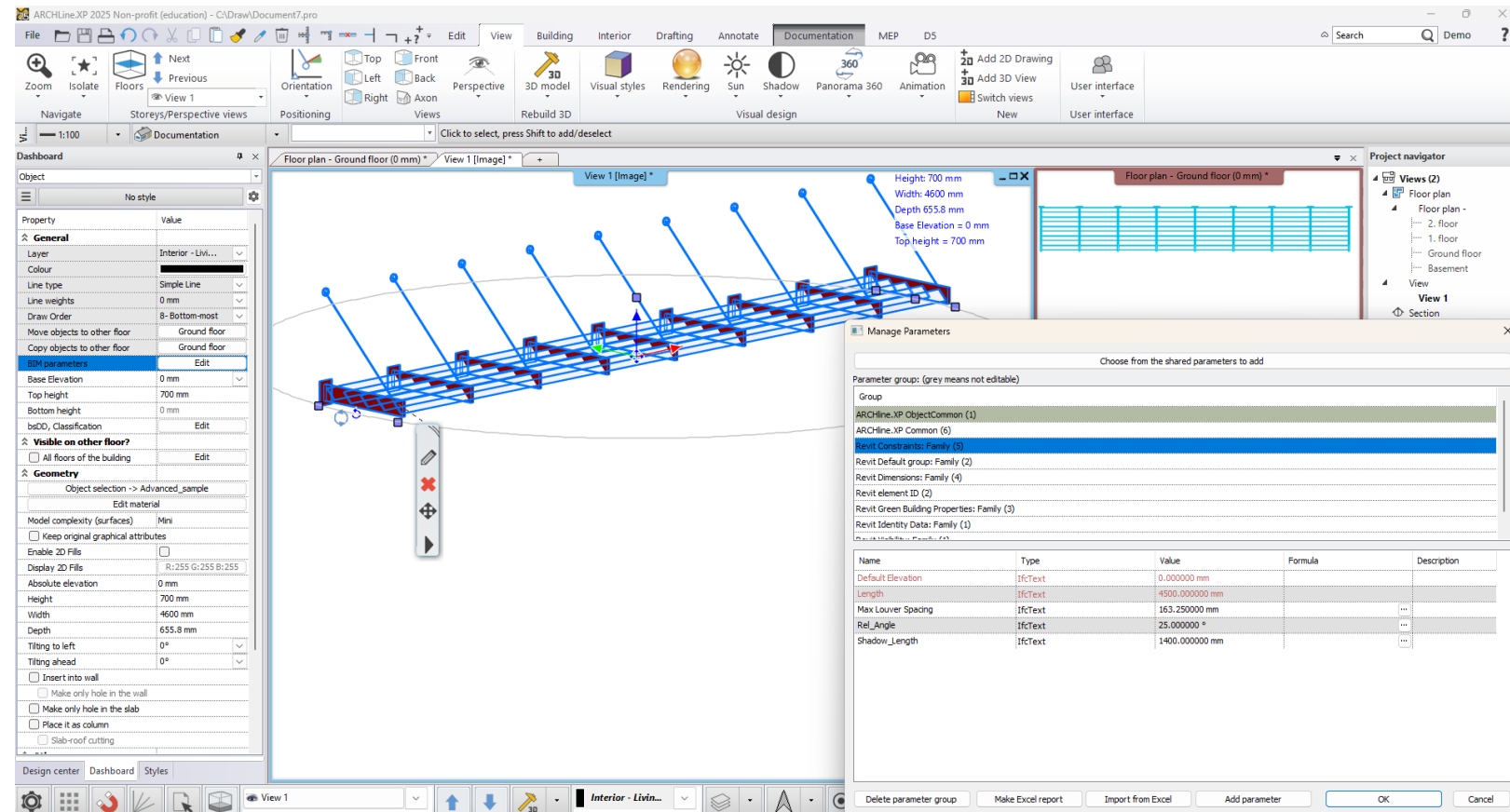
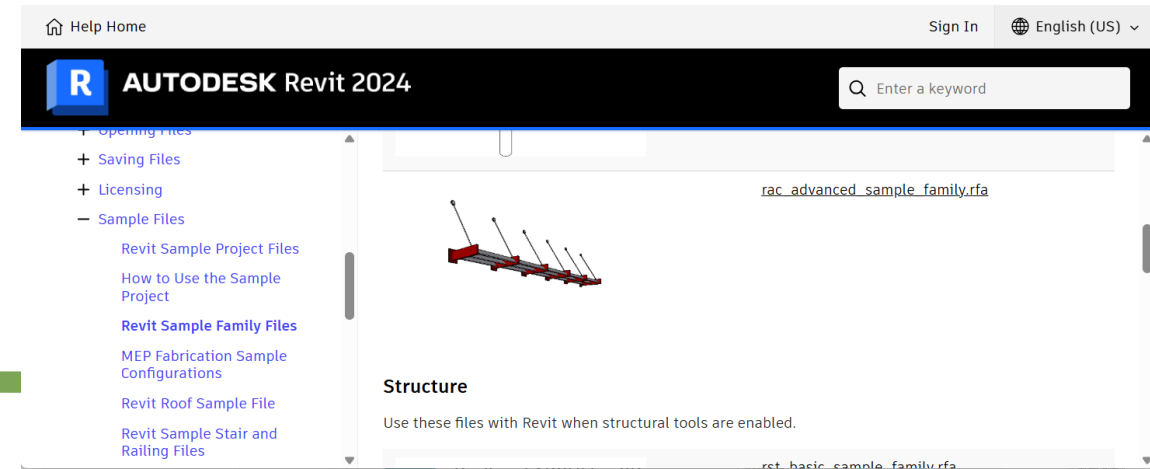
- ARCHLine.XP exporta modelos 3D a Revit en formato RVT, generando objetos con geometrías.
- Parámetros BIM precisos.
- Ahorra tiempo y facilita la comunicación entre Revit y ARCHLine.XP.



IMPORTACIÓN DE REVIT

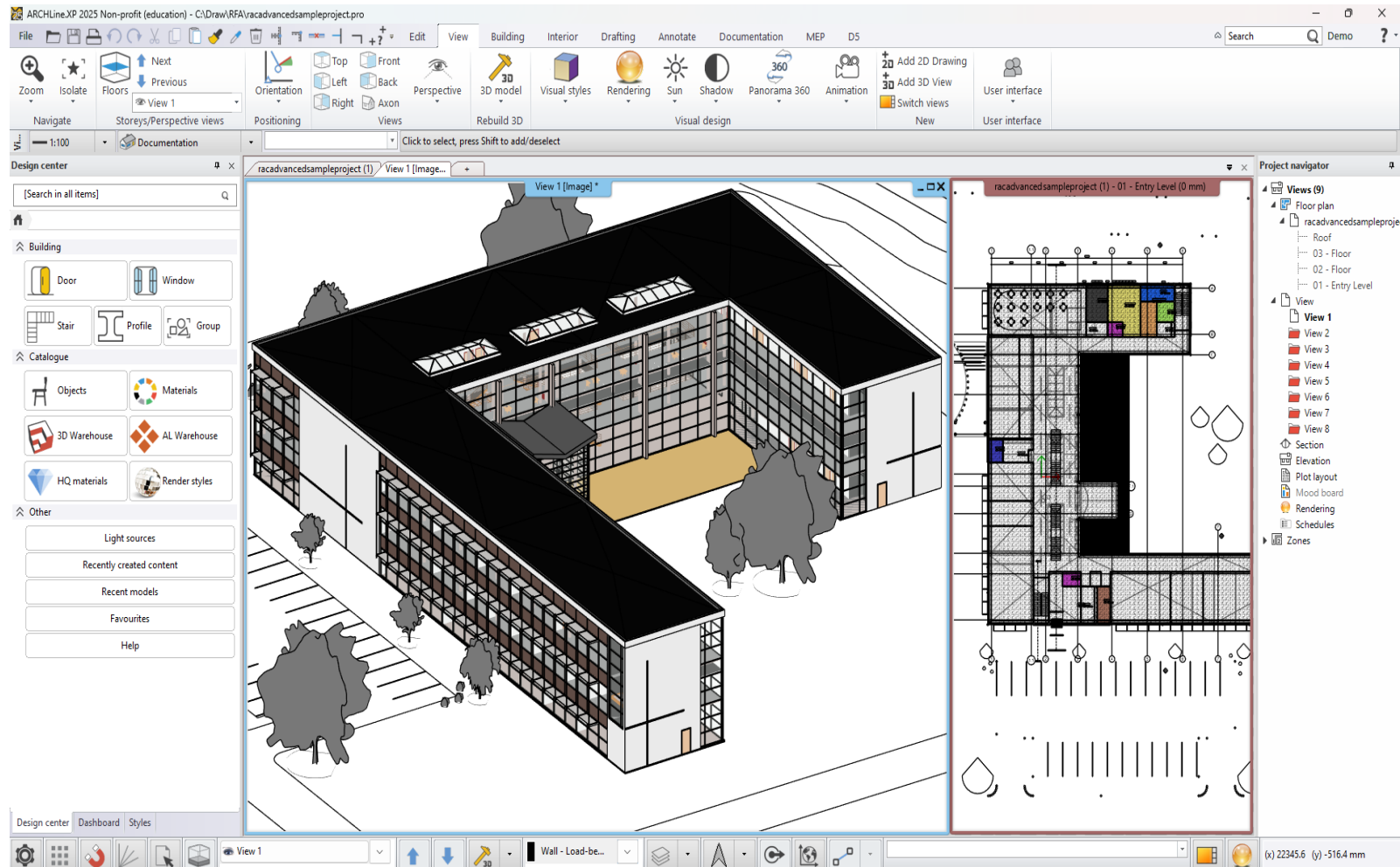
- ARCHLine.XP imports Assets in RFA format,
- Materials
- Precise geometries,
- Properties,
- BIM parameters.

Saves time and makes communication between Revit and ARCHLine.XP easier



REVIT RVT IMPORT

- ARCHLine.XP importa modelos 3D de Revit en formato RVT.
- Plantas
- Materiales
- Geometrías precisas,
- Propiedades,
- Parámetros BIM.
- ARCHLine.XP convierte muros, losas, columnas, etc. de Revit® en muros, losas y columnas originales en ARCHLine.XP.



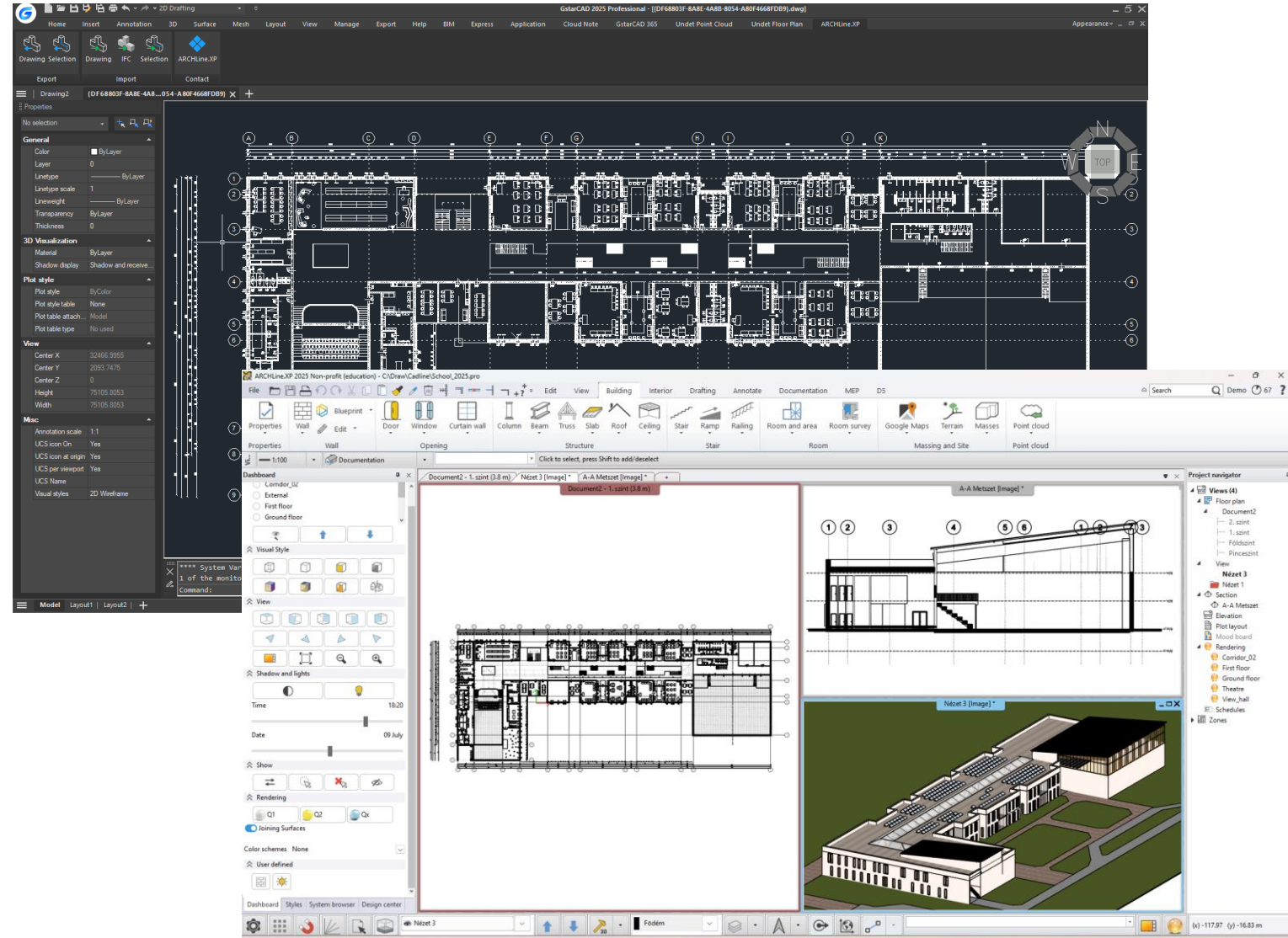
ARCHLine.XP – GStarCAD plugin

The plugin allows direct transfer of drawings in DWG or IFC format between GstarCAD 2025 and later versions and ARCHLine.XP 2025 and avoids the tedious import/export tasks.

Options in GstarCAD:

1. Import 2D **from** ARCHLine.XP
2. Import 3D model **from** ARCHLine.XP
3. Export 2D drawing **to** ARCHLine.XP

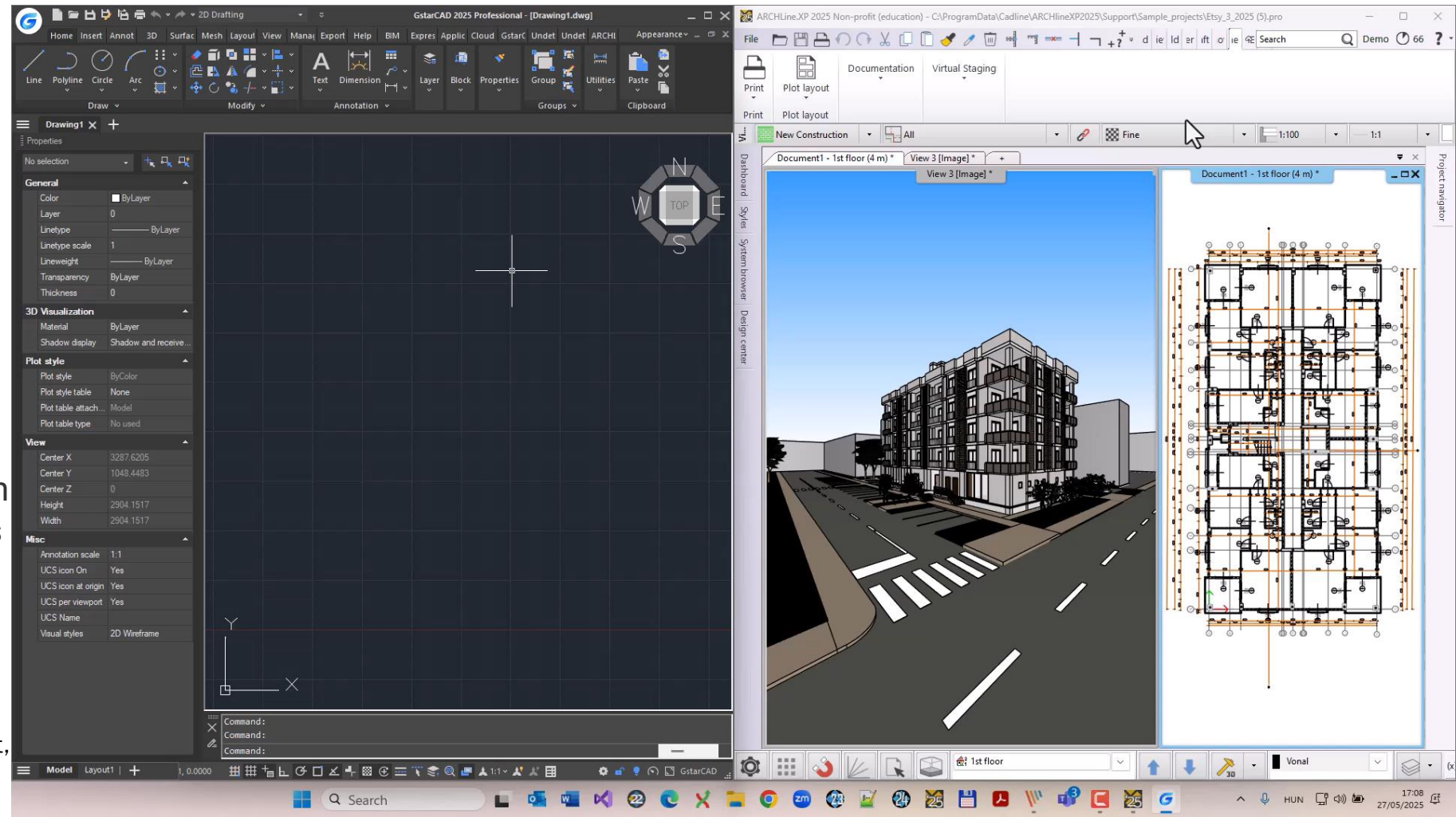
Data changes allow you to share your design data in applications - without importing and exporting files.



ARCHLine.XP – GStarCAD plugin

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GstarCAD and ARCHLine.XP provides an efficient and effortless CAD-BIM solution for those who are familiar with CAD but new to BIM. With this solution, they can take advantage of the superior 2D drafting capabilities in GstarCAD.

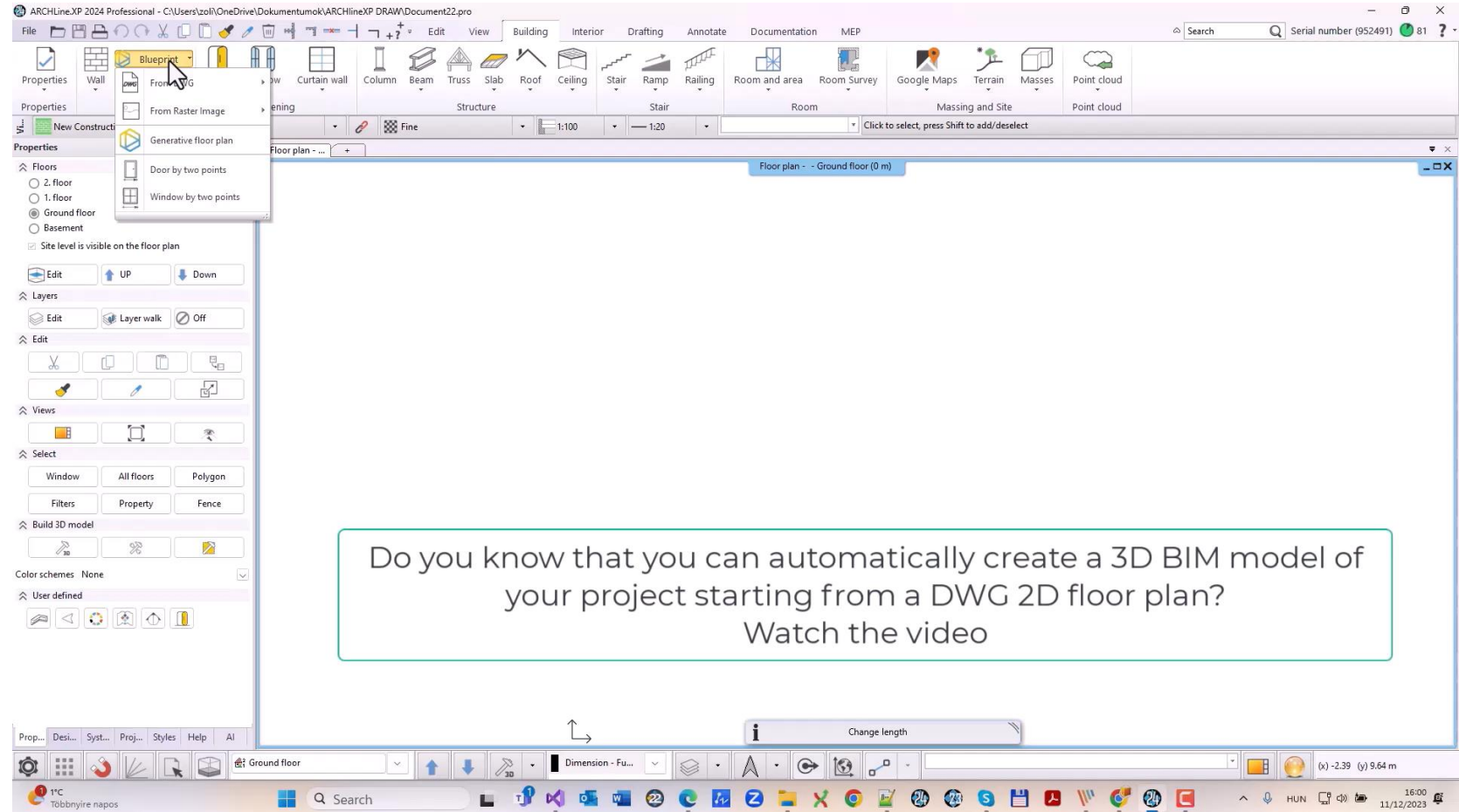


BIM modeling from 2D CAD floor plan

ARCHLine.XP automatically generates BIM models from 2D DWG floor plans.

This intelligent tool interprets 2D drawing and transforms it into 3D model, speeding up the design process and giving designers more time for creative work.

Standard and custom wall elements and curtain wall components can be created with ARCHLine.XP tools for an efficient BIM workflow.



POINT CLOUD - Convert into real 3D model

The method of ARCHLine.XP makes it very competitive for the treatment of existing buildings with the processing of point clouds to convert into real architectural model with high precision, and time efficiency.



ARCHLINE.XP
Architectural
innovations

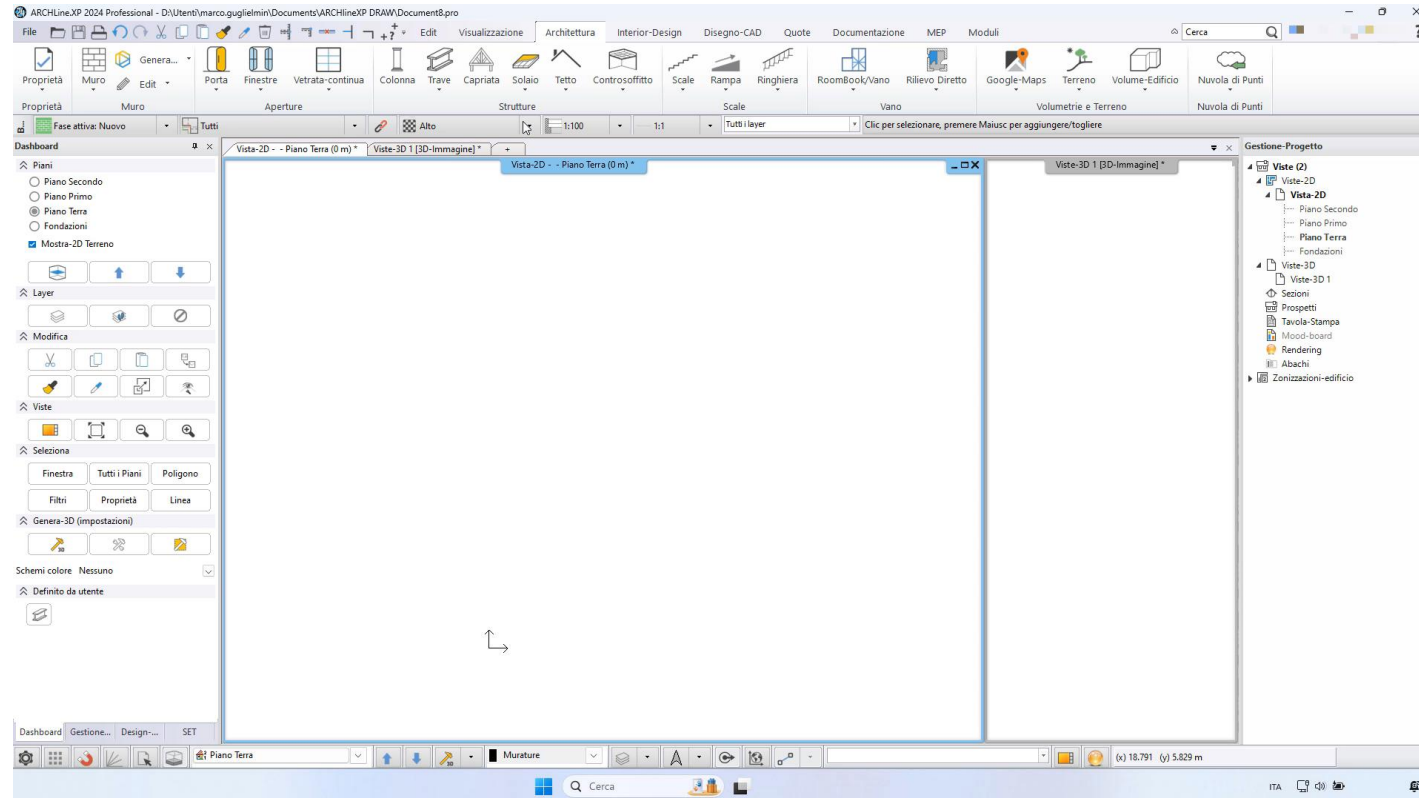
Point Cloud Model
3D Revit Export
bsDD Database
Floor plan generator
Cut-away 3D model

From concept to spaces and zones

Rooms or Spaces are logical units based on the closed areas in the building.

Rooms are identified based on bounding elements such as walls, floors, roofs, and ceilings.

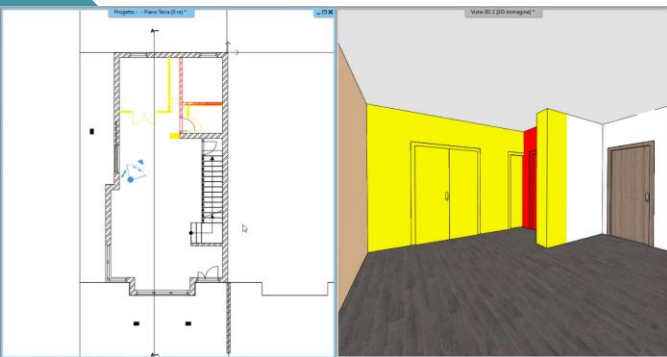
Room refers to these room-bounding elements when calculating the room geometry as perimeter, area and volume.



Existing and new construction, design phases

Building renovation projects often require the separation of several phases.

The design phases can be tracked throughout the entire documentation.



cadline
software

EXISTING AND NEW CONSTRUCTION,
DESIGN PHASES

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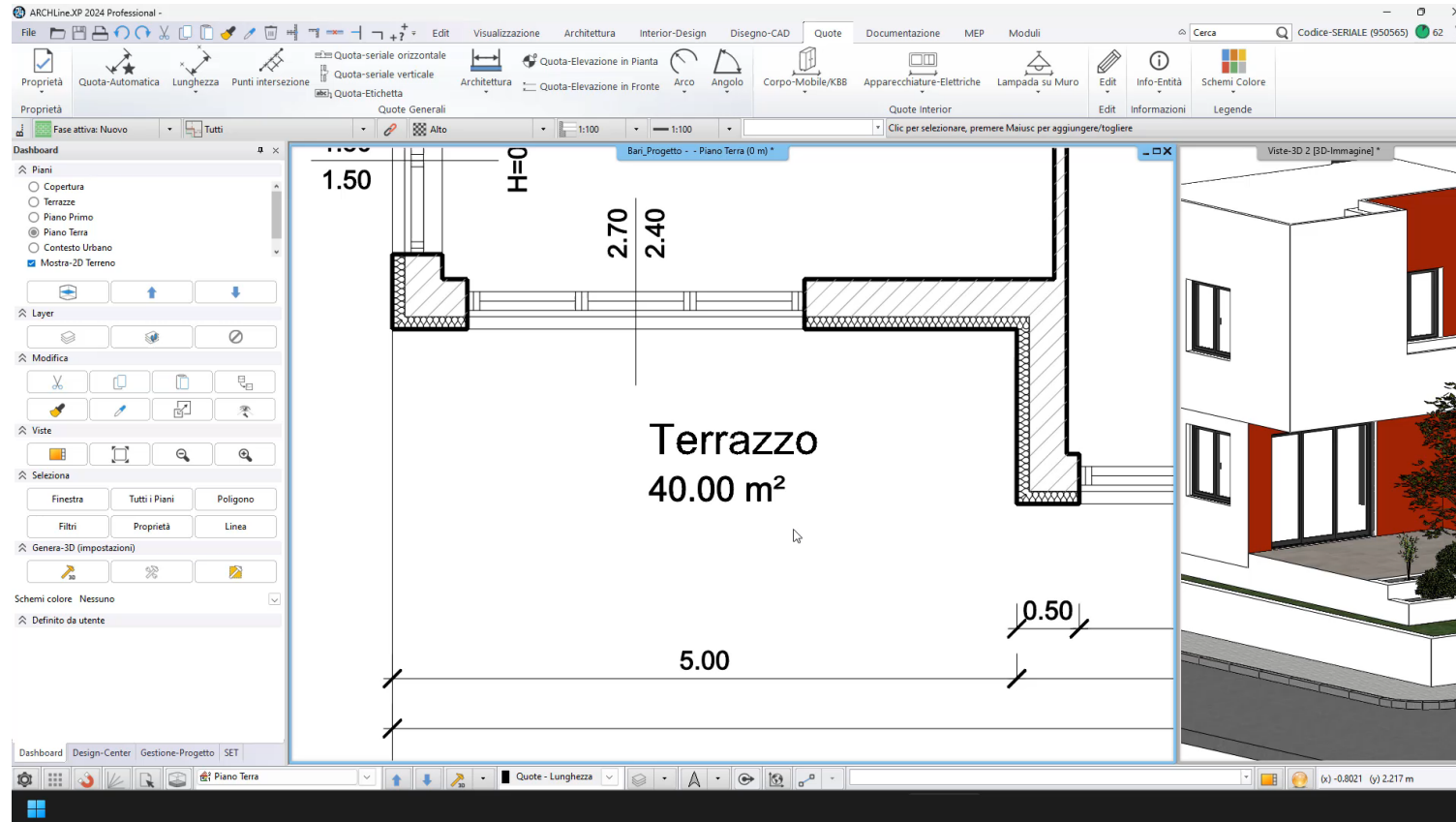
The design phases can be tracked throughout the entire documentation.

ARCHLINE &
BIM SOFTWARE

Documentation

In ARCHLine.XP the documentation is automatic, including

- sections,
- elevations,
- floor plans,
- extracts from quantity tables,
- schedules

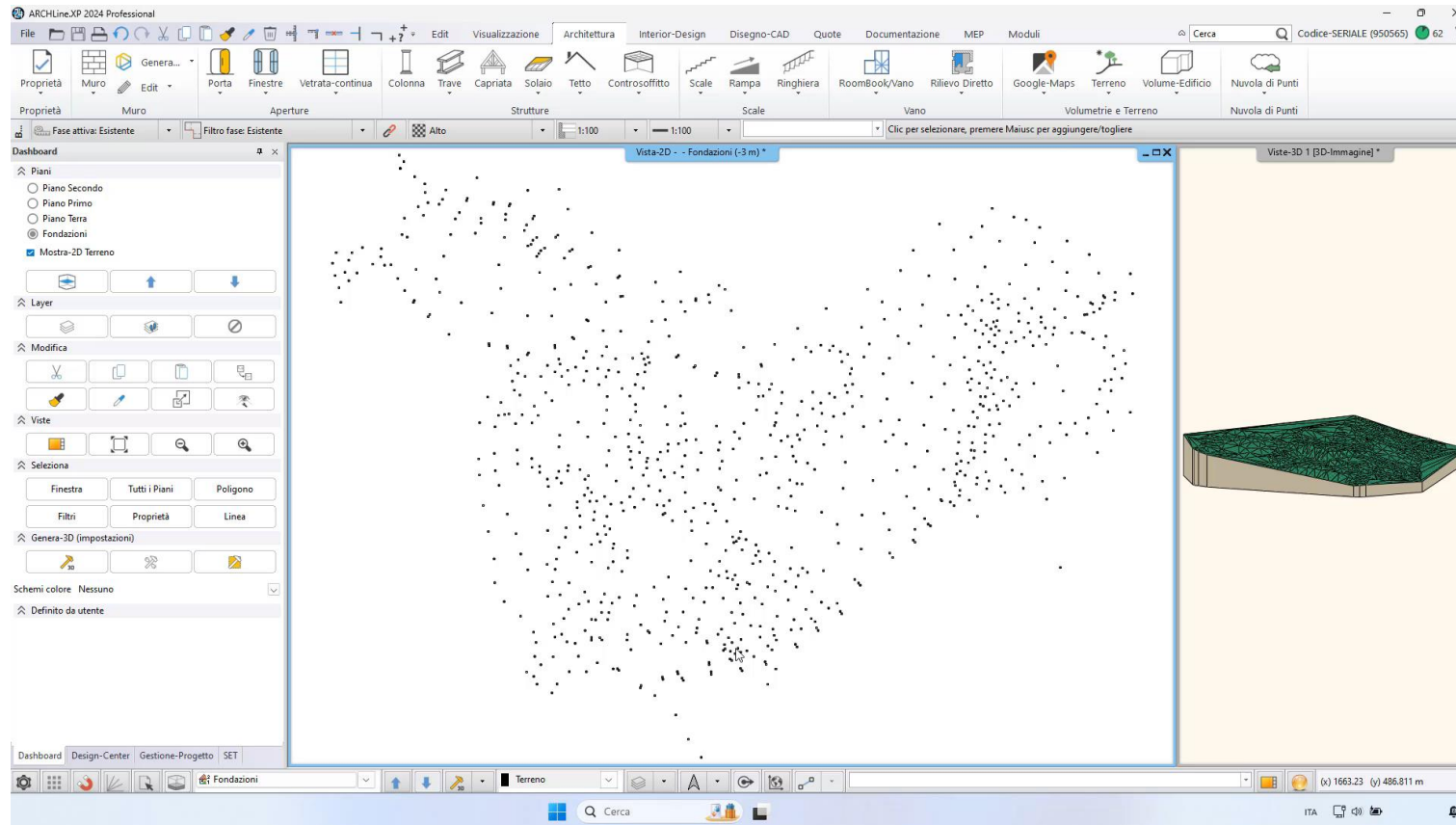


Site modeling

3D site modeling covers all elements added around the building structure.

The site design consists of topography lines, roads, zones and the building plateau.

Using geodetic data, ARCHLine.XP automatically generates the 3D terrain model. It is also possible to get the 3D terrain model directly from Google Earth!



Visualization

- ARCHLine.XP implements a built-in rendering engine, meaning that without the need for third-party tools, photorealistic images can be produced.



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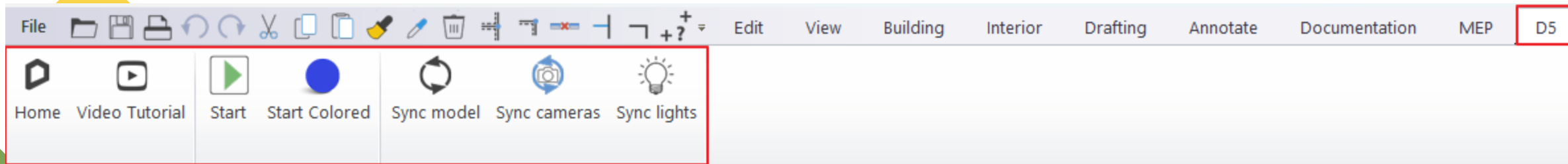
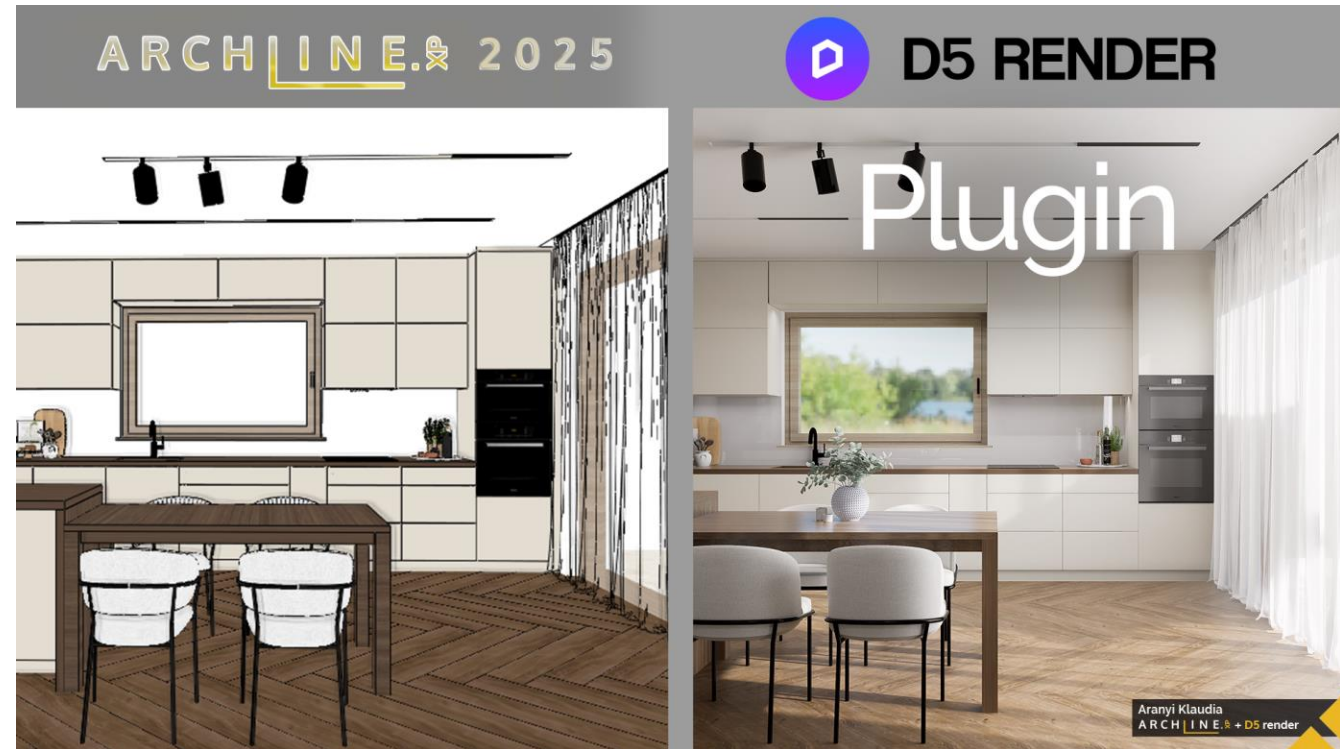


ARCHLine.XP – D5 render plugin



Features

- D5 rendering software can be launched directly from ARCHLine.XP 2025.
- Creating stunning photorealistic images in two ways: with interior and exterior rendering.
- Seamless data connection for the model, lights, materials, and cameras
- Sync mode, any changes update instantly in D5
- Version 2025



Visualization D5

- Livesync Workflow
- Real-time lighting
- Animation
- Fast output



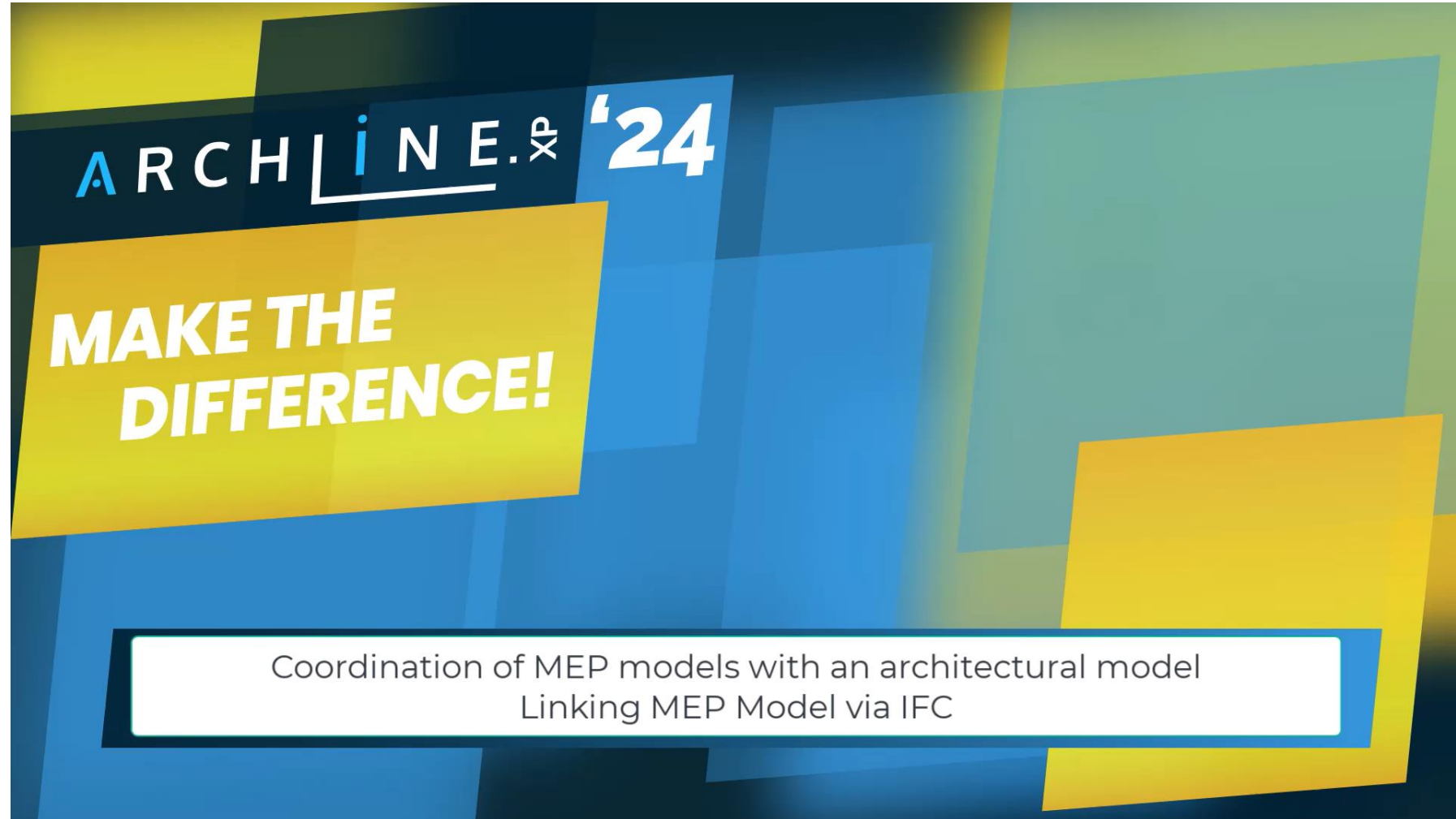
Aranyi Klaudia



Pál Zsuzsanna

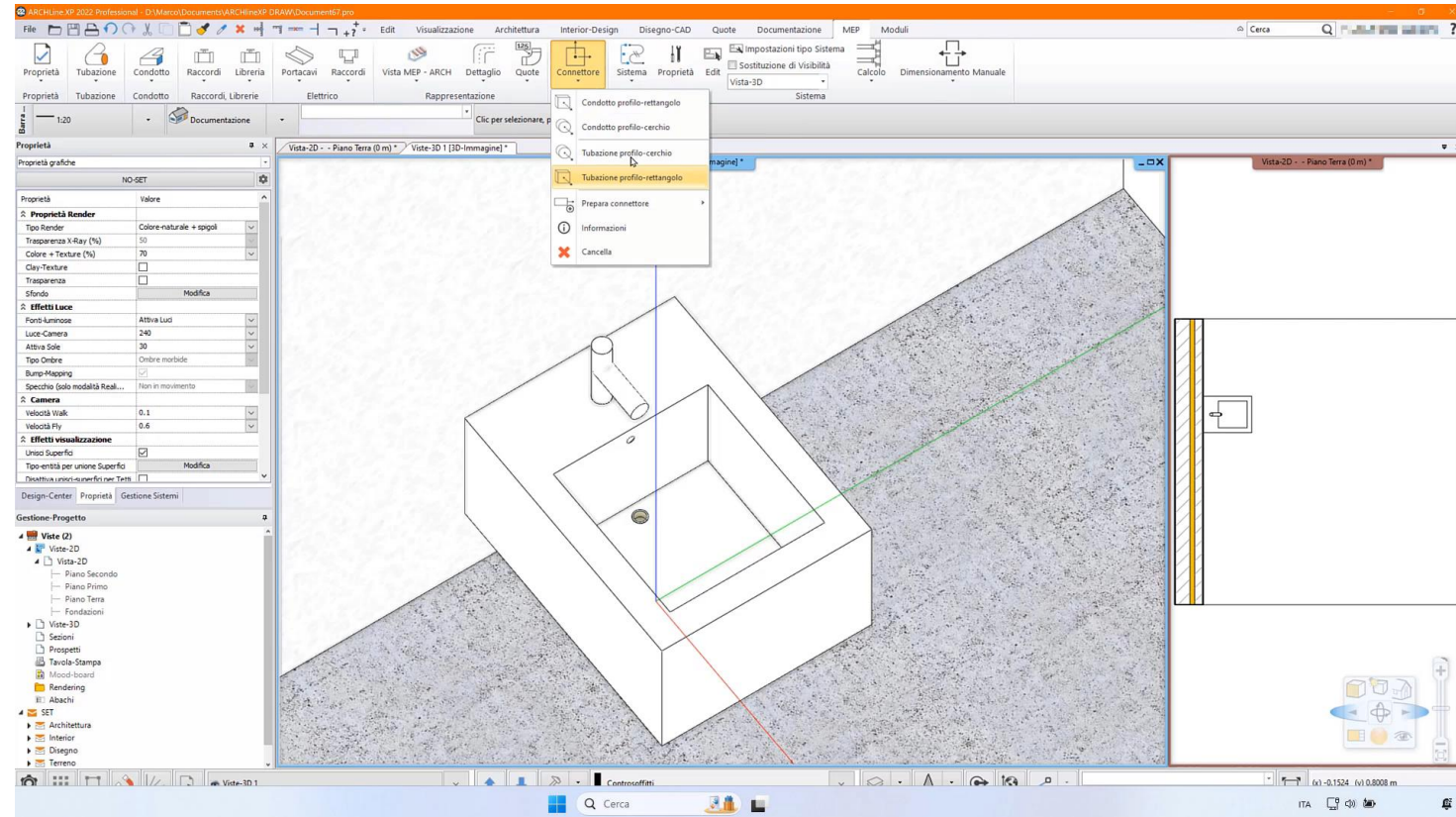
Bim for MEP modeling

- MEP tools in ARCHLine.XP enable designers to model and visualize mechanical, electrical, and plumbing systems along with the architectural model.
- The concept of connectors allows for system design and load calculation.
- ARCHLine.XP is compatible with major BIM object formats that use the connector's working method, such as IFC objects, RFA, and what can be found in common portals.
- Automated routing connections, System, MEP calculation, parametric fitting content library with variations.



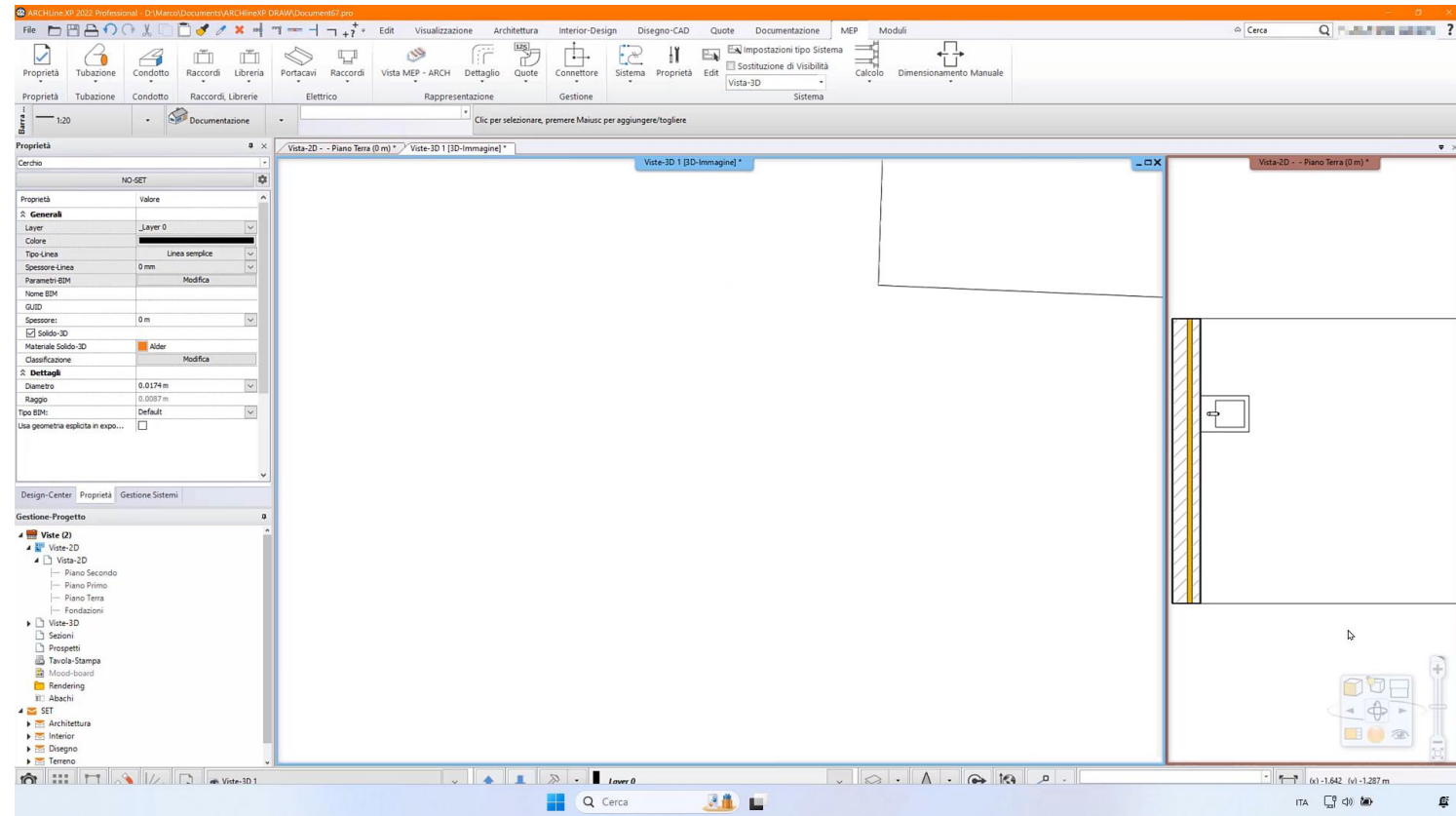
The connectors: intelligence

- The underlying logic is that “connectors” or elements contain all the intelligence within them, the properties needed to drive the modeling



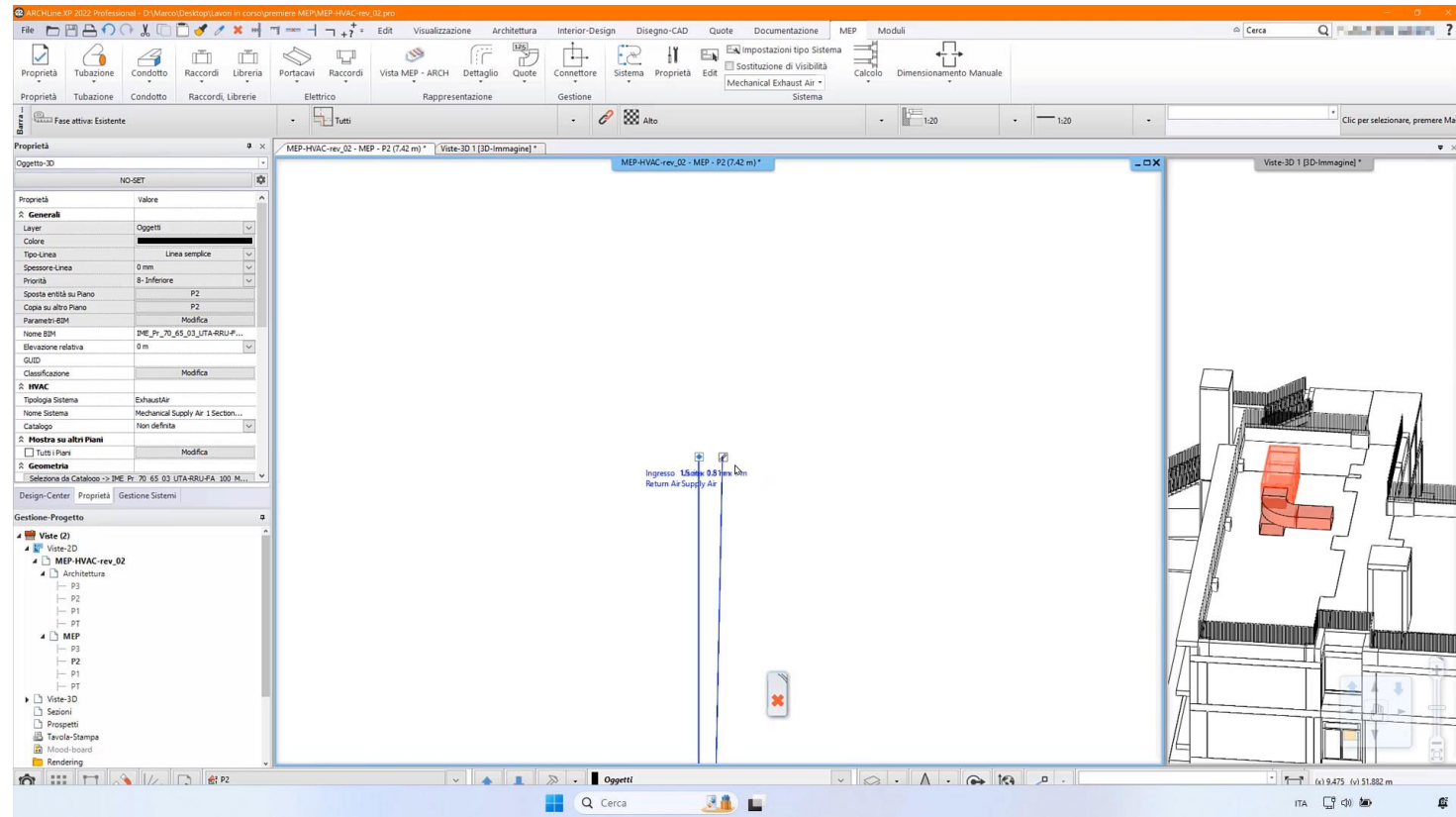
MEP Objects

To make a MEP object, at least one connector with information about the reference system must be added.



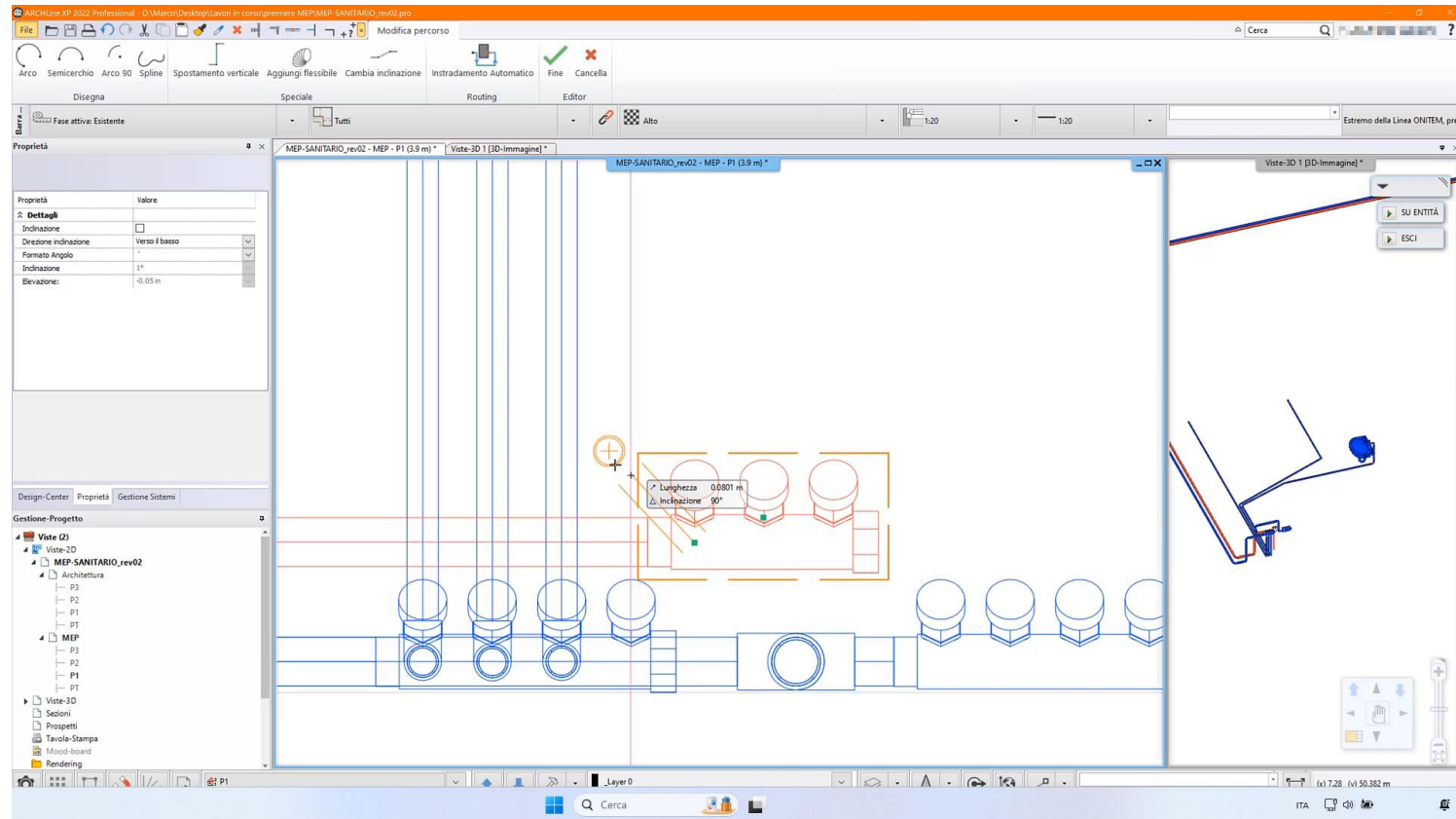
Connecting elements

Connecting elements, such as pipes, are nothing more than profiles of given cross section that run along a polyline in 3D space, and connect devices together



Assisted modeling

MEP modeling is guided, and the software offers a number of useful tools such as automatic routing that connects devices while avoiding collisions

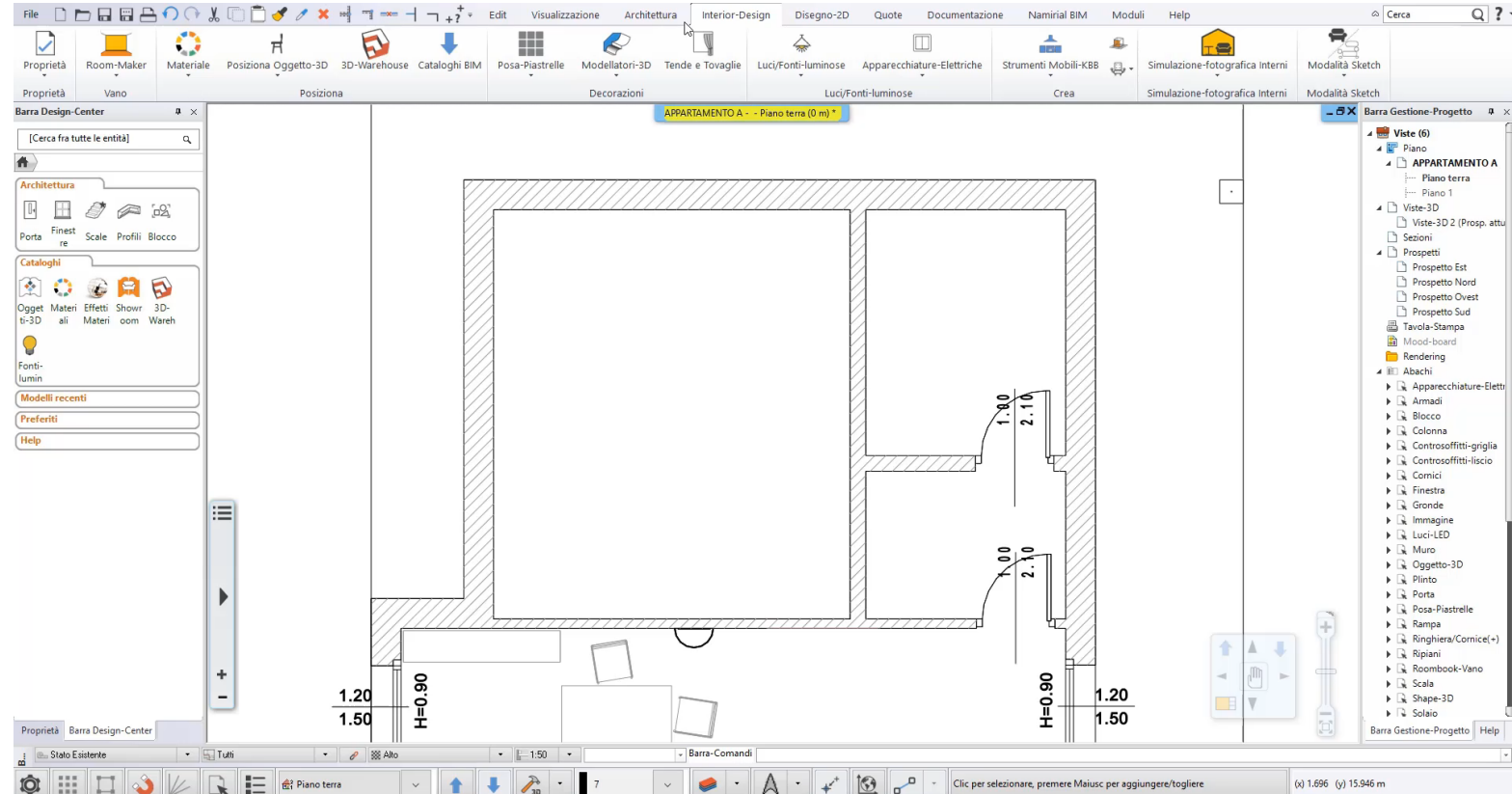


BIM IN INTERIOR DESIGN

ARCHLine.XP has developed professionalism and experience in the interior field over the years.

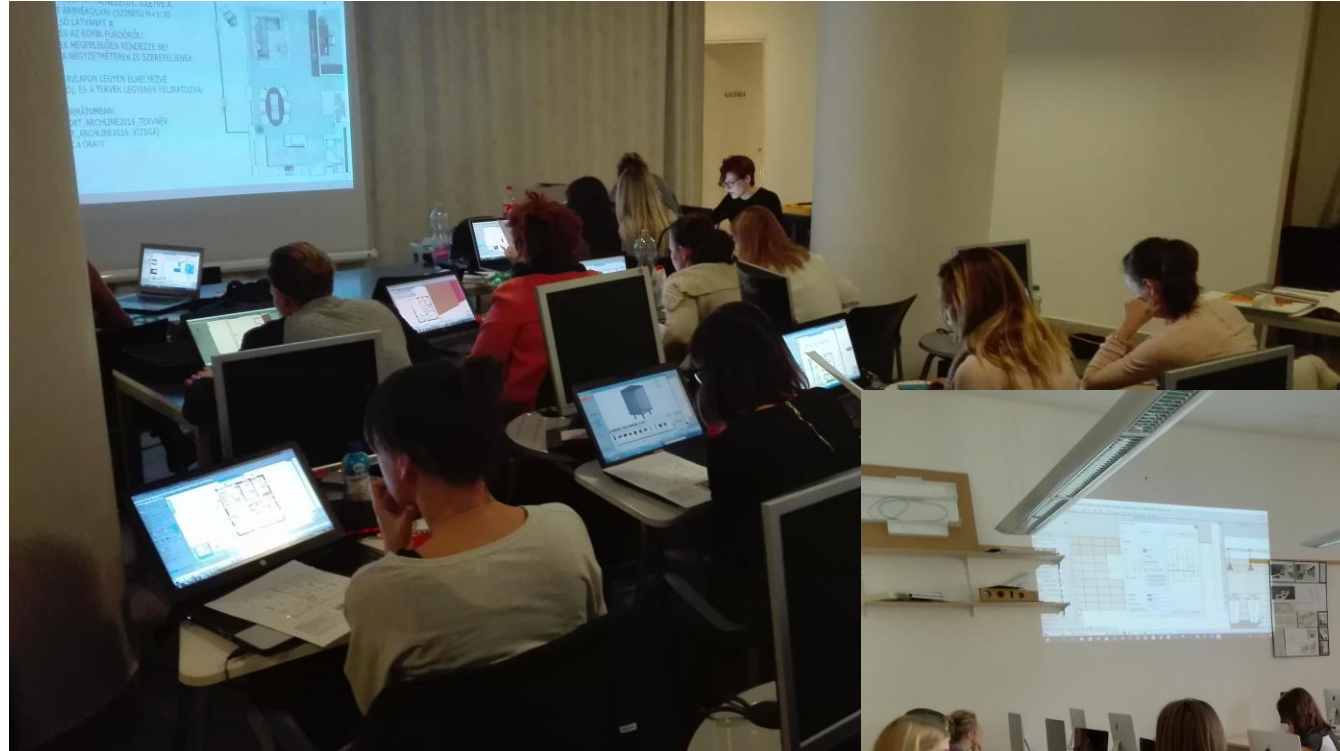
Design commercial or residential spaces: highly customized solutions in terms of furniture and lighting!

"All-in-one" design tool to greatly accelerate interior design work.



ARCHLine.XP in Education

Discover our courses,
where you can learn the
knowledge of the
ARCHLine.XP program at
basic, intermediate and
advanced levels using
ONLINE materials.



ARCHLine.XP Courses

ARCHLine.XP Virtual classroom courses are in many ways similar to traditional ones.

You will enter the “classroom”, via the web platform, at the scheduled times to interact with the instructor in real time..



Topic: **Modellazione BIM MEP degli impianti**

Where: Italy

Language: Italian



Topic: **Group and individual training courses**

Where: Poland

Language: Polish



Topic: **Indoor Rendering**

Where: International

Language: English



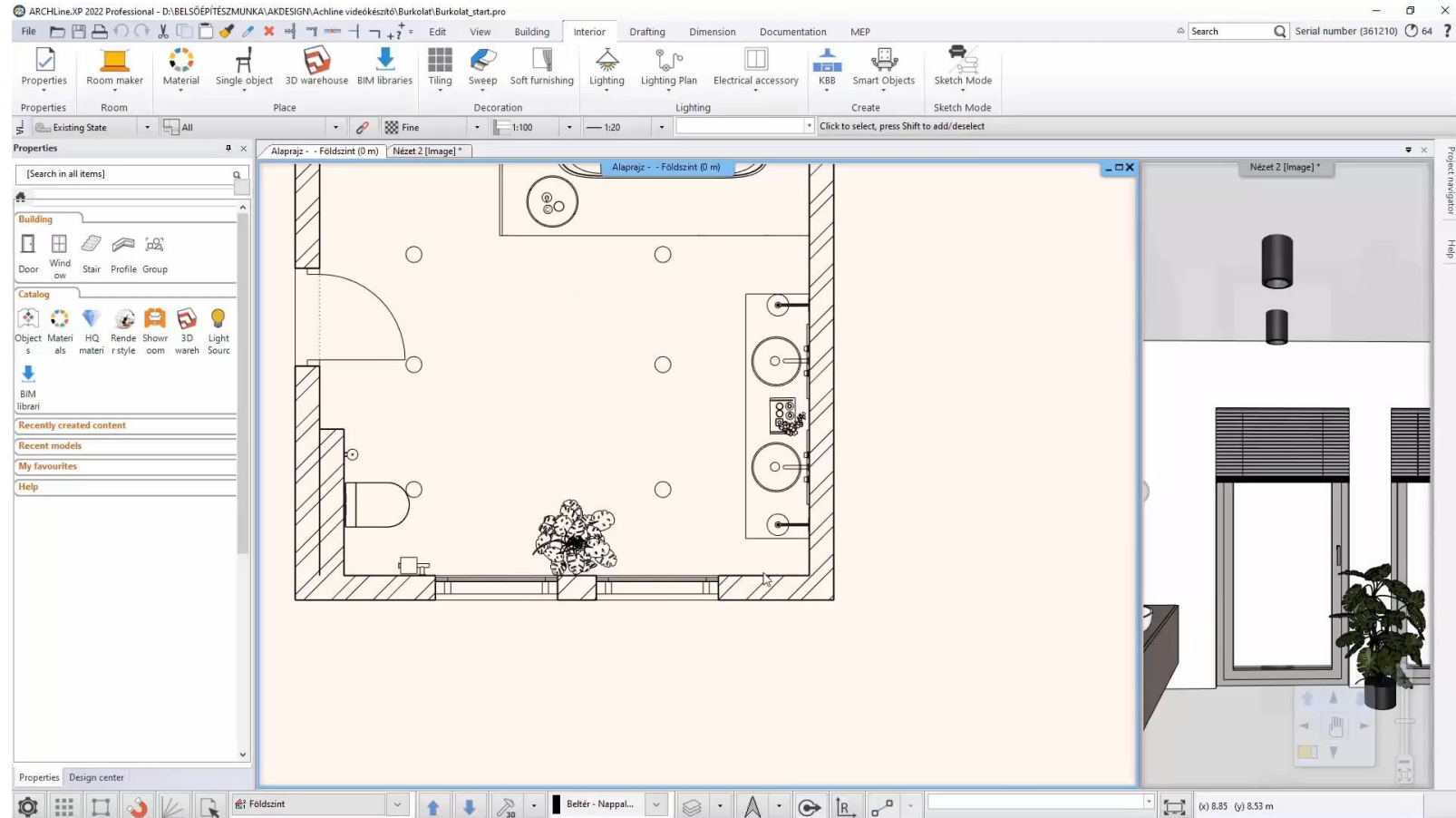
Topic: **Construction design**

Where: Czech Republic

Language: Czech

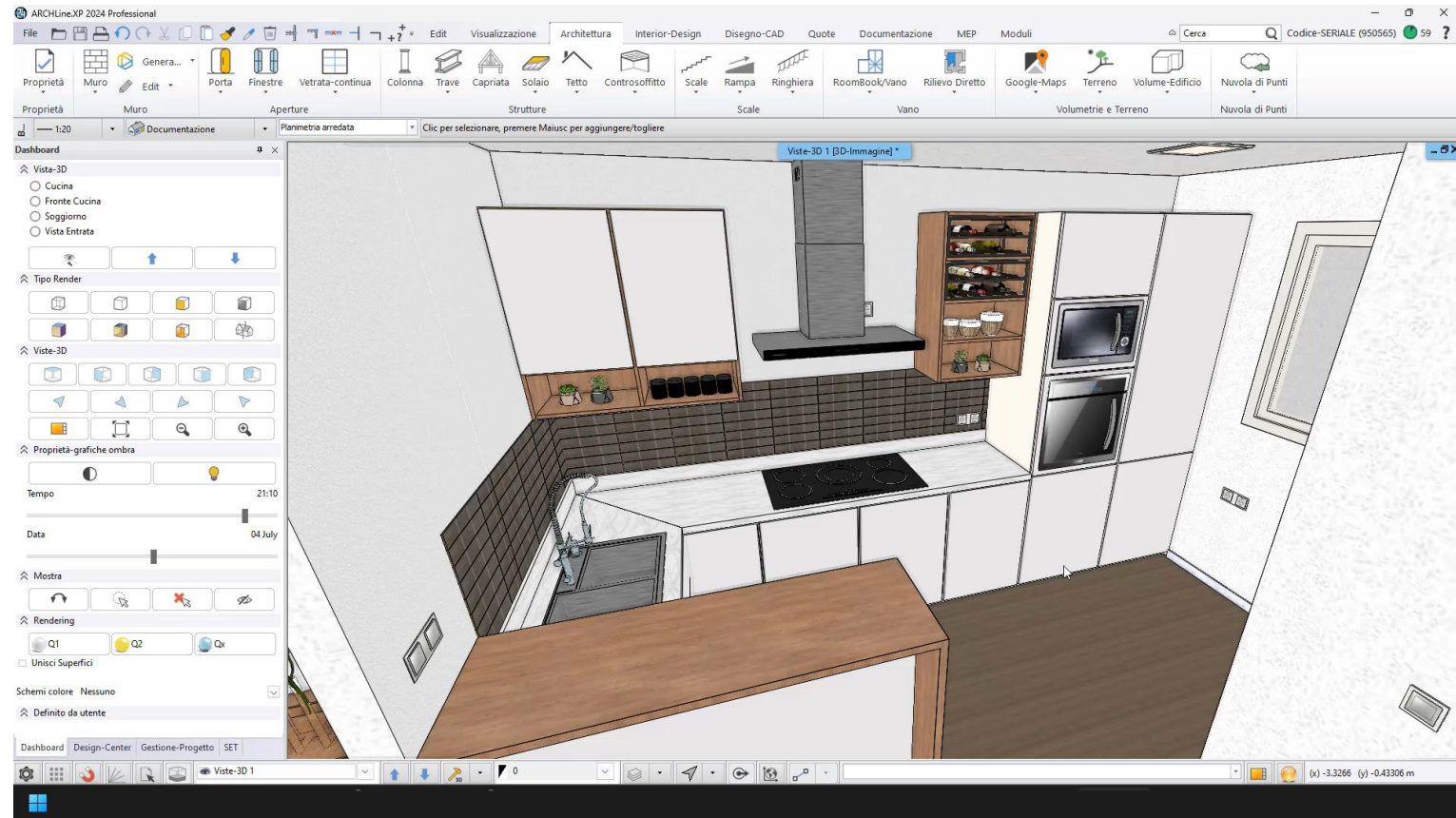
Tiling and surfaces

With ARCHLine.XP you can add a tile pattern on walls or any other surface.



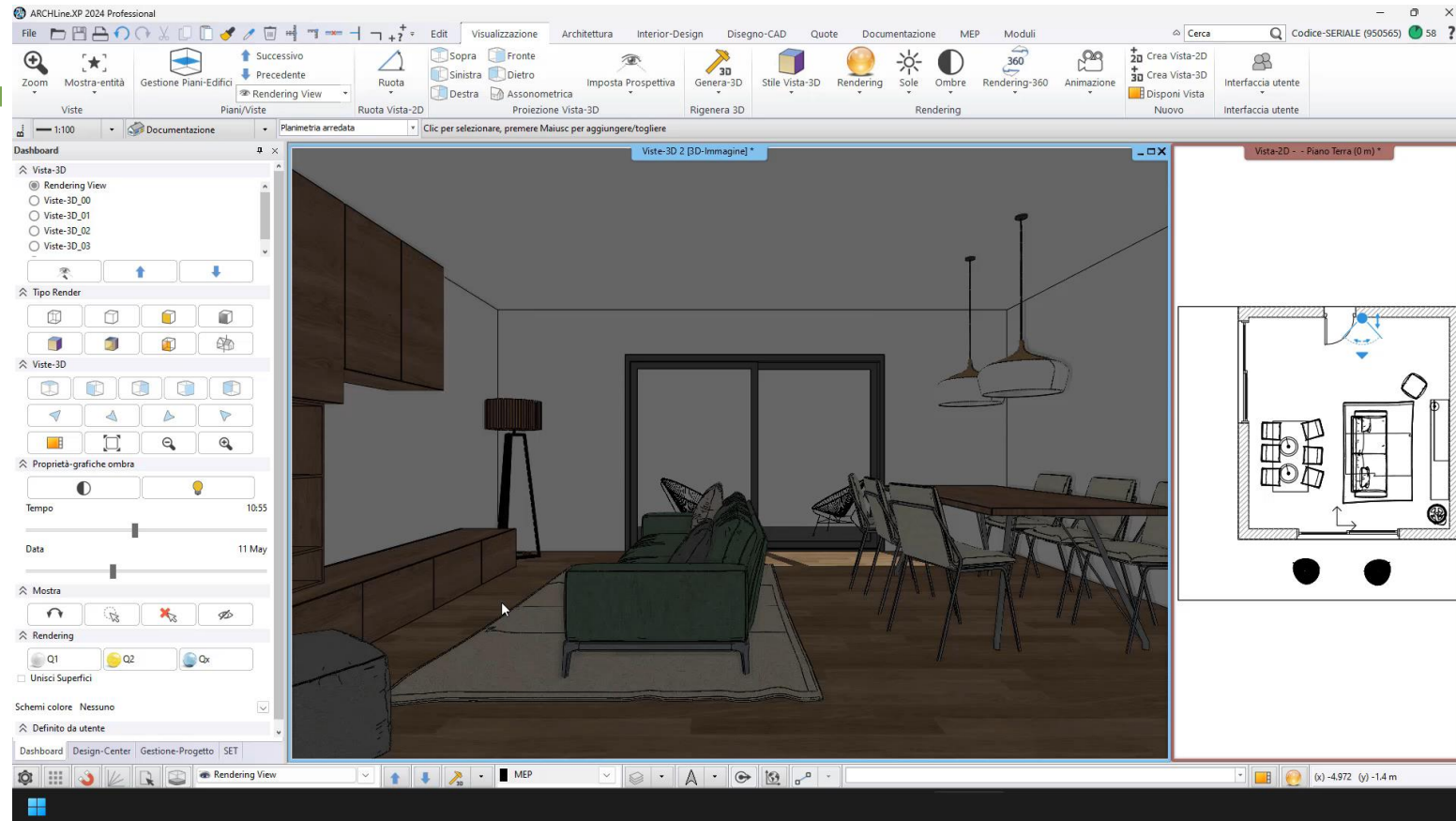
Furniture configurators

For complex furniture, such as in kitchens, which generally require specific design, there is an innovative tool for automatic and fast configuration.



Lighting

Tools for properly managing natural or artificial lighting in scenes

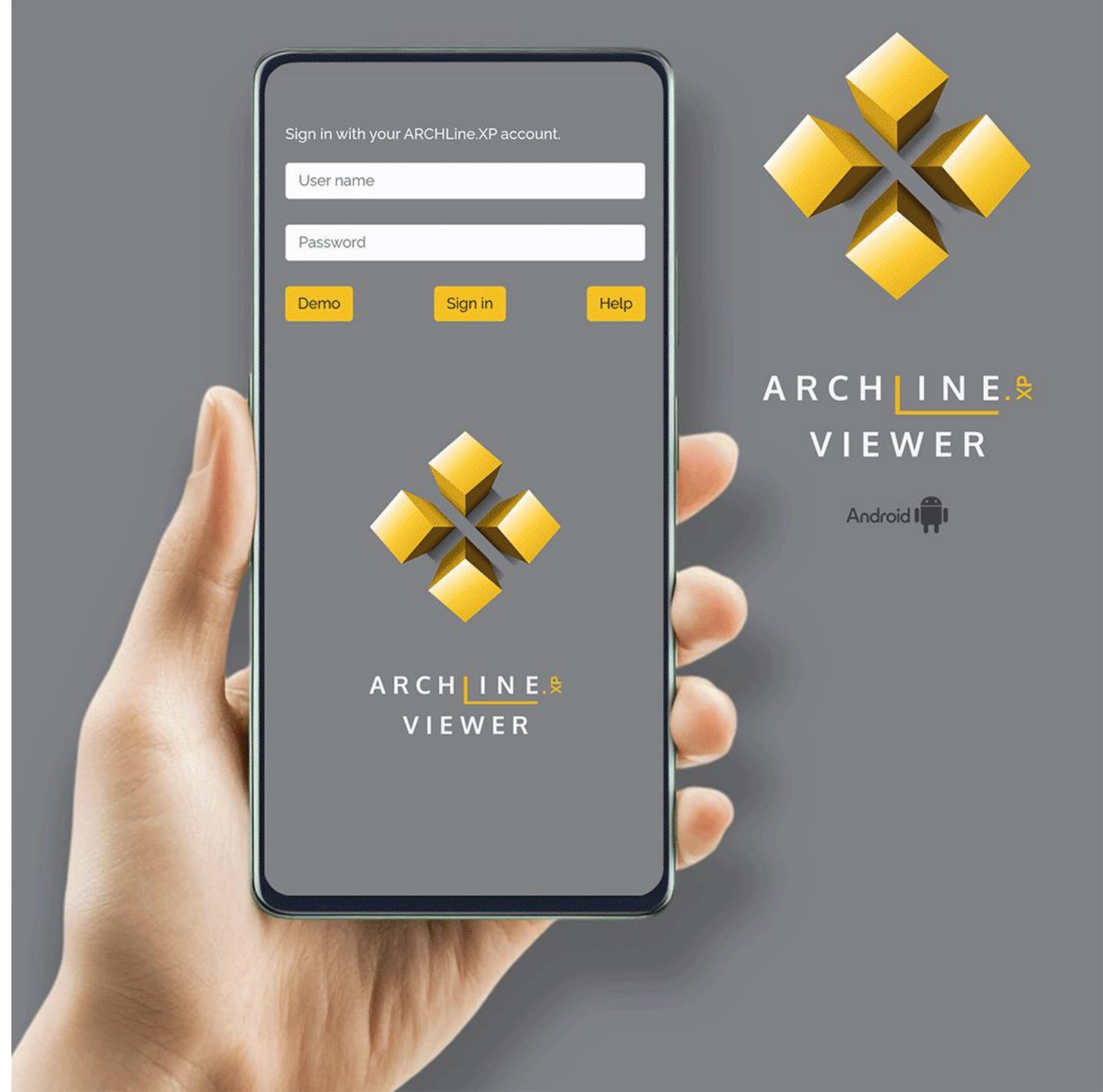


ARCHLine.XP Viewer Mobile App

With the Viewer mobile app, you can open and explore your BIM projects on Android devices.

You can even share them with your clients, regardless of the platform they use, e.g. iPhone

The Viewer Mobile App is available for free download from Google Play.



How to use the Viewer?



How to share project or images?



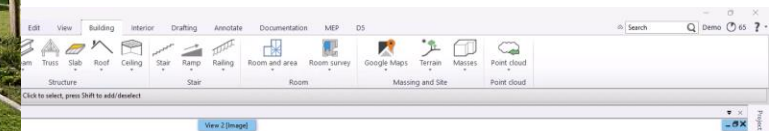
ARCHLine.XP & AI, the near future



AI Render tools for architecture & interior design

Render in seconds

ARCHLine.XP AI Render



ARCHLine.XP – becoming a partner

Cadline is dedicated to the success of its partners, offering comprehensive support to its resellers.

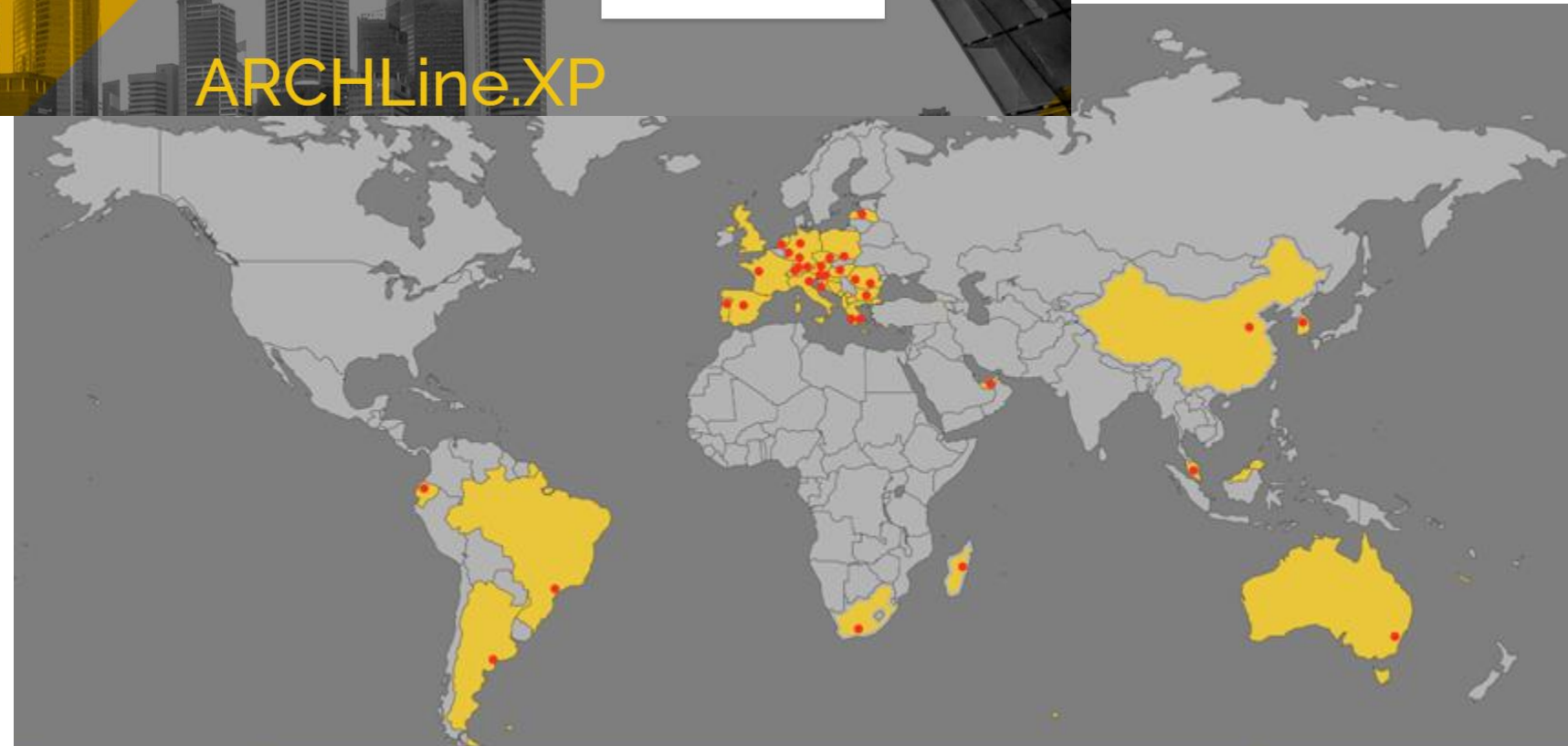
Get Started

Interested in becoming our partner and selling ARCHLine.XP software?

Contact us
<https://www.archlinexp.com/contact/become-a-reseller>



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Thank you