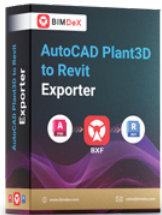
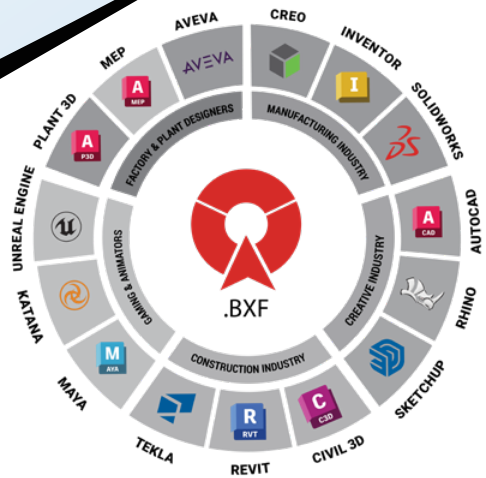


AutoCAD Plant3D to Revit is a data exchange plugin which creates native Revit families (.rfa) and projects (.rvt) from AutoCAD Plant3D Models (.dwg), preserving intelligent parametric information and metadata.



[Know More >](#)

AutoCAD Plant 3D to Revit Conversion Workflow (Offline) & (Data Exchange)

On- Premise

01



DWG file Format

Export the Plant3D Model as a BXF file using BIMDeX Plant3D Exporter

02



BXF file Format

BXF file will carry all the Design Data Information from the model

03



RFA & RVT file Formats

Import the BXF file inside Revit using BIMDeX Revit Importer

Cloud Version

01



DWG File Format

Use the Plant 3D exporter plugin to export the Plant model to ACC and create the data exchange.

02



Data Exchange

Plant models will be created as Data Exchange (DX) to be transferred to Revit

03



RFA & RVT File Format

Import the models from ACC and load the data exchange as native Revit projects/families.

Plant 3D to Revit Conversion features



Native parametric Export

Pipes, Pipe Fittings, Structures etc., from Plant 3D will be created as native/Parametric editable geometries in Revit. Pipe Networks can be maintained.



Change Management

Change management can identify and export only the changes/deltas made in the Plant3D models during any consecutive model revisions and update the existing Revit file. This reduces the needs to export the whole model over and over again for any model revisions.



ACC Integration

ACC integration enhances the users to extract and store the models in the cloud space. This ensures that the users are accessing the latest model and work collaboratively.



Batch Process

Bulk model conversion can be automated through Batch process. User can also schedule Batch process for over-night jobs



Metadata Export

All the metadata information from the Plant 3D model can be transferred to Revit either as Shared Parameters or Family Parameters.



Export based on Coordinates

Plant 3D model can be exported based on WCS or UCS. The same can be imported in Revit based on the desired Coordinate system, allowing the user to place the model in the desired location



Component Categorization

BIMDeX automatically categorizes the Plant3D components (Pipe, Pipe Fittings, Structures, etc.,) during export and the same will be mapped to the corresponding categories in Revit.



Customizable Solution

BIMDeX Product can be customizable and scalable to meet the customer expectation and workflow.

Integrated **AutoCAD** **Plant 3D Exporter** Ecosystem

Our AutoCAD Plant 3D exporter ecosystem allows plant users to connect, share and collaborate with other CAD and BIM software effortlessly. Through advanced capabilities, the ecosystem maintains model integrity and fidelity, supporting multi-industry workflows in AEC, Plant, Design and Manufacturing industries. BIMDeX's AutoCAD Plant 3D Exporter is a gateway to a connected, interoperable CAD and BIM ecosystem.



Licensing

Network Floating and Batch Automation

Network Floating License—This can be installed on unlimited number of instances or machines and can be accessed by n-concurrent users.



INPUT MODELS

Multiple formats.
One Workflow.



AUTOMATION ENGINE

Intelligent automation that Converts, validates and optimized.



PROCESSED OUTPUT

Clean, accurate and ready-to-use models.



Cloud SYNC

Seamless sync with Autodesk Construction Cloud.



Automated model conversion workflow



Integrated with Autodesk Construction Cloud (ACC)



Option to Schedule the conversion process



No model conversion limits



Accessible to multiple users

Business **Benefits**



Widely helps Plant industry with Interoperability challenges



Parametric support helps in Design enhancement



Quick Turn-around time on Model Translation



Reduces 50 – 60% of manual efforts in redesigning



Maintains model Accuracy with Precise geometry and metadata



BIMDeX Manager

The Future of Model Simplification & Evaluation

Model Viewer

Clash Detection

Advanced Geometry Simplification

Model Checker

Rule Engine

VDC Engineers

CAD Designers

Quality Checker

Reviewer

BIM Modelers

Site Supervisors

Review Model

Simplification

Modify Hierarchy

Exclusion

Metadata Update

Colorize

Services & Licensing

Licensing Options

24x5 Support

Workshops & Training

Demo & Trial Available

Custom Integrations

Terminology

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www.bimdex.com



sales@bimdex.com



+1 614-468-8976
+44 20-328-61615

CONTACT US