AUTOBIM3D.IO

AF.IO
AUTOFLUID

Generate fluid networks in 3D from 2D plans that were drafted using AUTOGAINE, AUTOTUBE and AUTOSAN.
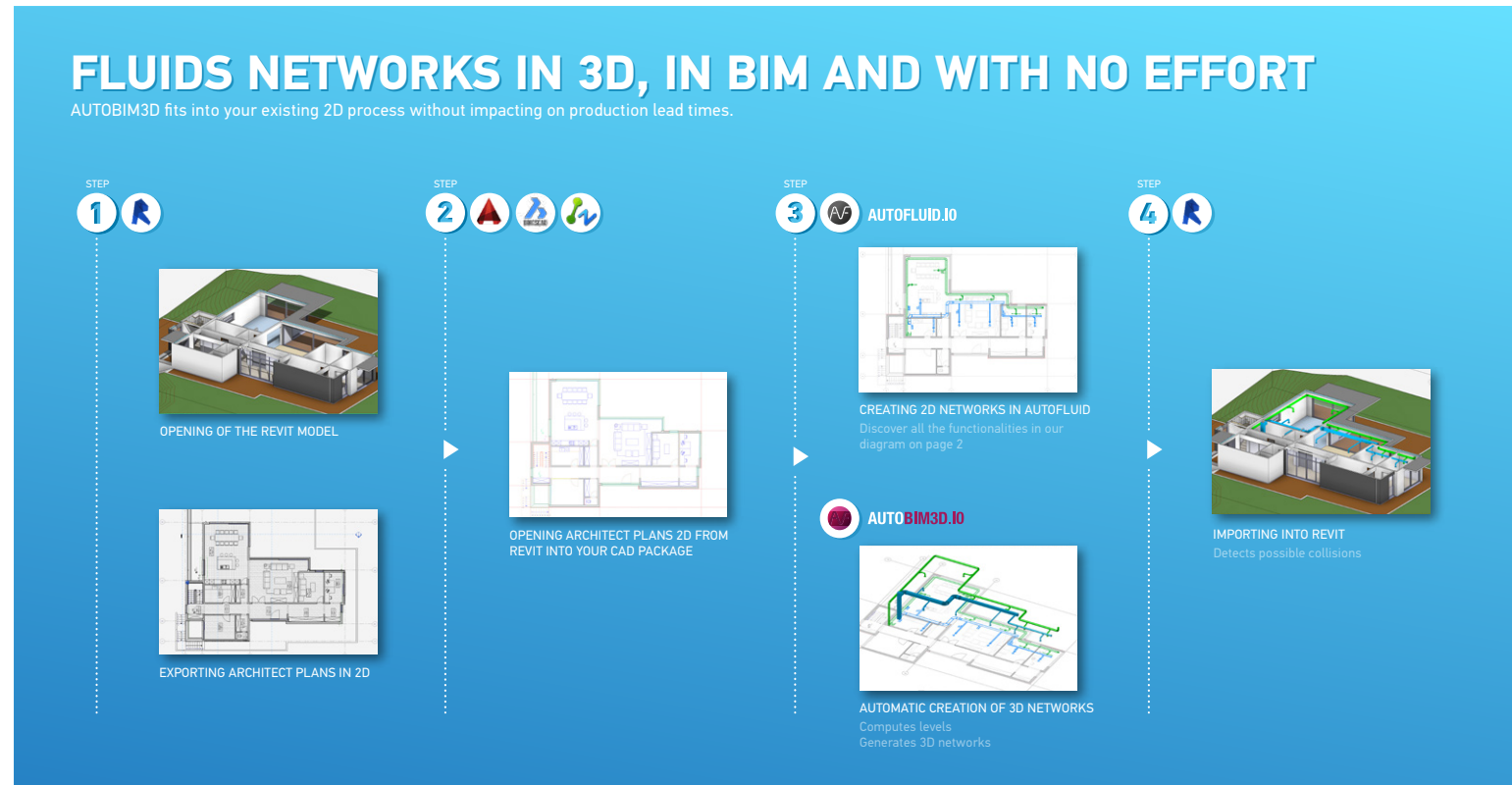
AUTOBIM3D lets you export these networks to insert them into BIM models.

Introduction

AUTOBIM3D isn't a drafting package, rather it performs an analysis of 2D networks that were drafted with double line routing tools in AUTOFLUID.

Characteristics

- Referencing and positionning tool
- Dedicated specification tool for water levels
- 3D network generation command
- Spacial navigation command
- View style settings
- 3D network visibility settings
- Managing created networks (Re-naming - Deleting - Merging)
- .DWG exporting functionality
- IFC exporting functionality (upcoming)

FLUIDS NETWORKS IN 3D, IN BIM AND WITH NO EFFORT

AUTOBIM3D fits into your existing 2D process without impacting on production lead times.

STEP 1

OPENING OF THE REVIT MODEL

EXPORTING ARCHITECT PLANS IN 2D

STEP 2

OPENING ARCHITECT PLANS 2D FROM REVIT INTO YOUR CAD PACKAGE

STEP 3 — AUTOFLUID.IO

CREATING 2D NETWORKS IN AUTOFLUID
Discover all the functionalities in our diagram on page 2

AUTOBIM3D.IO

AUTOMATIC CREATION OF 3D NETWORKS
Computes levels
Generates 3D networks

STEP 4

IMPORTING INTO REVIT
Detects possible collisions

AUTOBIM3D together with AUTOFLUID 10

Both applications can be combined in one pack to offer the full range of functionalities for fluid networks engeneering in 2D and in 3D.

BILLS OF MATERIALS

DRAWING BACKDROP

OPENINGS

PAGE LAYOUT

SECTIONS CALCULATIONS

AF.IO
AUTOFLUID

3D

IMPORT INTO
BIM
SOFTWARE

EXPRESS CROSS SECTIONS

ENRICHED 2D

PRESSURE DROPS

CROSSED NETWORKS