

BIM

Building Information Modeling (BIM) describes a method for optimized planning, designing, construction, and management of an edifice, mostly by using the appropriate software, such as Autodesk Revit. The model of the given object carries not only information about geometry but also about its properties and technical parameters. The AHUMAN designing software allows you to export an IFC file, which can be loaded into Autodesk Revit using the Mandik Plugin and then saved in RFA format.

AHUMAN

↓ export



↓ import

IFC

The international IFC data format is used to transmit BIM models. It determines the digital description of the building.

- **Identity** (name, type, function of edifice,...)
- **Properties** (material, color, technical parameters,...)
- **Background** (location, links, ownership,...)
- **Abstract concepts** (behavior, costs,...)
- **Processes** (installation, operation,...)
- **People** (owners, planners/designers, suppliers,...)

Revit

Autodesk Revit is BIM software for Microsoft Windows, which allows to the users to design models including their parameters.



Plugin

Mandik Plugin for Autodesk Revit, which can be downloaded from Mandik's websites, allows you to record the AHU into Revit.

PLUGIN

↓ export



RFA

The file RFA (Revit Family) is classified as a data file which contains 3D models, created by Autodesk Revit software.

