IDEA

With a rising number of government and commercial organizations mandating BIM, now is the time where we have decided to connect all BIM benefits with our Software.

As result, a new real time connection is now available between our Web Selection Software and Autodesk Revit, Building Information Modeling (BIM) software with integrated solutions for Architectural, Structural and MEP (Mechanical Electrical Plumbing) design.

COMPLETLY NEW APPROACH TO THE SELECTION PROCESS

USER

DESIGNER

We are giving the possibility to make Automatic calculation's based on input parameters which are supplied as an excel file.

This approach allows fast selection process for unlimited number of units at same time. As result the user receives an automatically created and at same time optimized offer. The optimization priority can be set by the producer (per size, price, capacity and similar).

BENEFITS

•Increased collaboration and communication across project teams (mechanical, electrical, plumbing, etc.);

•Designer has the possibility to export BIM Project data as known Brand for the contracting documentation;

•Defined project can be shared with Contractors and/or Investor within a browser;

•Automatic creation and balancing of the pipeline/duct model is done after update of all units;

•Connection between internal (fan coils) and external units (chiller, coolers, etc.);

•Clash detection (avoiding collision between elements);

*Energetic Analysis calculation (chiller, dry cooler, condenser) can take location data directly from the BIM Project. This allows us to calculate the correct heating/cooling load, by having precise temperature information as hour/day frequency for each room. BIM considers the real building material properties, its orientation and type (residential, office, etc.).

IDEA WEB SELECTION SOFTWARE

Designer has full control of unit selection process by using producer familiar interface;

UNIT SELECTION

Unit selection process can start with the start of BIM Project

ENERGETIC ANALYSIS*

OFFER

Calculation is optimized, done automatically and a new offer created with complete products specification and price. Offer contains user defined brand (unit designation, language);

EXCEL

CALCULATION RESULTS

Calculation results are sent back to BIM Project for update of White Brand models;

ADD-IN

Input data (project temperatures, number of units, sizes) is transferred automatically from BIM Project to IDEA Web Selection Software;

Y
X
Z

BIM MODEL

BIM

AUTO UPDATING PROPERTIES

BIM Software reads the data (data stored in the Manufacturers database), updates dimensions and all calculated properties of each unit within the project.