



Caneco BIM is a software tool allowing electrical data exchange between a BIM project and ALPI's suite of software.

Caneco BIM is used to check and input electrical information in a Building Information Model. Electrical data are then exported onto Caneco BT to define the cross section cables and the protective devices.

Finally, Caneco results are reimported to enhance BIM project.

Checking and implementing electrical objects IN A BUILDING INFORMATION MODEL

Check and validate electrical installation designed with Autodesk® Revit® MEP, using Caneco BT

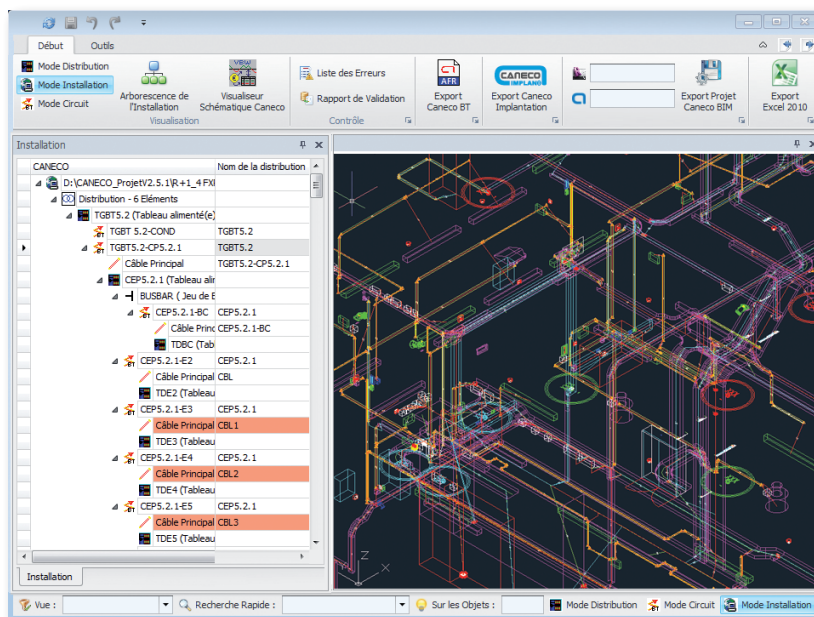
- Facilitates joint work between the Autodesk® Revit® MEP technology and Caneco BT standards.
- Recognises and translates all Revit object families having electrical connections.
- Allows to define the power requirement mode in either Autodesk® Revit® MEP or Caneco BT.
- Adjusts cables lengths by adding ratio percentage.
- Updates automatically electrical properties of Revit objects after calculation and sizing onto Caneco BT.

Forward the 3D numerical model of the electrical installation to contractor working with AutoCAD® software

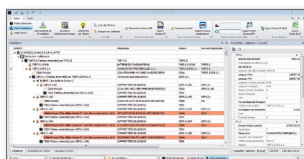
- Facilitates joint work between the Autodesk® Revit® MEP and AutoCAD® software standards.
- Provides specific details of cables routing in cable trays.
- Managed and optimized cable trays congestion.
- Facilitates printing reports of cable cards and cutting book.
- Allows the installer to enhance all the electrical installation details received from the numerical model designer.

Exchange electrical data from the BIM project with other participants

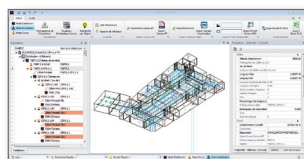
- Import / Export with Caneco BT.
- Export to AutoCAD® using Caneco Implantation.
- Export project data to Excel.
- Export the entire project to Caneco format.



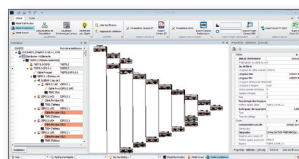
TREE CHECK



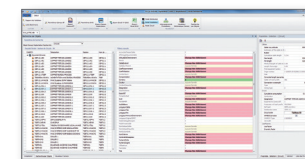
VISUAL CHECK



SYNOPTIC CHECK



INTEGRITY CHECK



5 Good reasons to choose Caneco BIM

Fast visual checking of an installation in Autodesk® Revit® MEP

With three viewing modes, the user can quickly check the integrity of an electrical project in Revit.

Connection between Autodesk® Revit® MEP and Caneco BT

Without any loss of data, Caneco BIM lets you interface your Revit electrical project with Caneco BT electrical system design and schematics software.

Automatically generates a diagram equivalent to the installation described in Revit

Caneco BT automatically generates the schematic layout imported from a Revit project.

Constitutes a complete electrical design file from a BIM project

The layout information described in Autodesk® Revit® MEP is used in Caneco BT to print out the complete design calculations and the guarantee of compliance with standards.

Retrieving the electrical data from a Revit project in AutoCAD

Caneco BIM can export a Autodesk® Revit® MEP electrical project to AutoCAD® and add electrical intelligence to it, with no need to redefine the elements, the layout and the equipment.

Who is it for?

For electrical energy layout specialists in design offices that have adopted Autodesk® Revit® MEP.

For project managers who wish to make a quick check on an electrical layout created in a BIM platform.

For installers not equipped with Autodesk® Revit® MEP who wish to finalise their detailed files using AutoCAD®.

Additional software



Autodesk® Revit®
MEP

AutoCAD®

Updates, maintenance

Annual maintenance contract including telephone helpline and software updates.

Training

Caneco BIM is for experienced users of the AutoCAD® or Autodesk® Revit® MEP environment.

ALPI offers a one-day Caneco BIM training course.

The ALPI training center is ATC (Autodesk Training Center) approved.

Recommended configuration

Windows 64 bits environment.

Hardware (USB dongle) or software (FlexLM) key protection.

