



Application for the design and control of a **digital electrical model**



CUSTOMIZED SERVICES

- **Adapted** training on the software
- **Technical support** provided by specialists
- **Personalized support** for the installation and deployment of our solutions for your company



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Caneco BIM

Design and control of a digital electrical model

Caneco BIM is a Revit® application that allows electrical information to be exchanged between a digital model and the Caneco software range. It enriches a project by providing all the properties required to build an electrical installation.



A digital collaborative platform

- Caneco BIM performs the exchange of electrical data between Revit®, and the rest of the BIMelec solution.
- It enables the import of the positioning and the references of lighting features from Dialux®.



Sizing of an electrical installation

- Caneco BIM enriches the digital model with the results of calculations carried out in Caneco BT, such as cable cross-sections, protective devices and short-circuit currents.
- It updates the cable trays thanks to automated cable routing performed in Caneco Implantation.
- It allows you to import all the technical documents into your Revit® project.



Complementary applications

- Additional tools will help you control and validate your electrical installation in your model.
- Caneco BIM allows the import of the cable types, as they are described in Caneco BT, directly into Revit®.
- It analyses the objects and groups of objects and adds electrical parameters such as voltage, apparent load, load class, ...



Integrated electrical calculation boxes

- Caneco BIM calculates the consumption of motors and lighting
- Caneco BIM converts electro-technical units
- It also calculates the reactive power of condenser batteries



Advantages

- **Multiple data entry operations avoided**
Caneco BIM allows you to work just as well in Revit® as in AutoCAD® thanks to its communication interfaces.
- **Security and Compliance**
Caneco BIM guarantees the compliance of your digital electrical model with the applicable standards, thanks to its interface with Caneco BT.
- **Optimization of work**
The numerous integrated utilities allow an optimized project.
- **Time Saving**
Caneco BIM allows the easy and rapid enrichment of electrical documentation in a project.



Building Owner

Project Manager

Consultant

Electrical Contractor

Control Authority

Maintenance Operator