



## 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



Software for automated design of **low voltage** electrical installations

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**ALPI**  
smart electrical modeling solution



# Caneco BT

## Automated design of low voltage electrical installations

Caneco BT is a software for automated calculations, sizing and diagrams of low voltage electrical installations.



### Calculations and sizing

- Caneco BT performs all the calculations (Ik, du, If, ...) in compliance with the applicable standards and the electrical constraints of your installation.
- It also determines the most economical equipment to protect the installation and the individuals.



### Discrimination and backup

- Caneco BT provides a diagnosis based on tripping curves, calculation and manufacturer tables.
- Caneco BT takes into account the currents, as well as the chronometrical and differential aspects to ensure discrimination that can also be reinforced by coordination.



### Automated diagrams

Caneco BT automatically produces the diagrams of the electrical installation based on 3 dynamic data entry interfaces: network single-line diagram, board single-line diagram and spreadsheet.



### Effective data exchange

- Caneco BT allows data import/export from an Excel file.
- The electrical data recovered from Revit®, is used for the automated production of the diagrams and the integration of the circuit data into Caneco BT.
- Caneco BT converts the diagrams and the technical documentation of the project into a dxf file (an AutoCAD® file).



## Advantages

### → Quality and compliance

Caneco BT avoids time-consuming multiple entries and so reduces the risk of errors. It also integrates 17 international standards into its calculation engine, along with the maritime and the direct current standards.

### → Time saving

Caneco BT reduces the length of the design phases thanks to the simplified data entry and the automated production of documentation.

### → Cost reduction

The calculation engine automatically performs the most economical sizing in compliance with the applicable standards.

### → Tailored to global markets

Caneco BT allows international projects to be designed thanks to the manufacturer material catalogues that are tailored to each country and to the multi-standard, multi-language options (7 languages), including the printing of documents.



Building Owner

Project Manager

Consultant

Electrical Contractor

Control Authority

Maintenance Operator