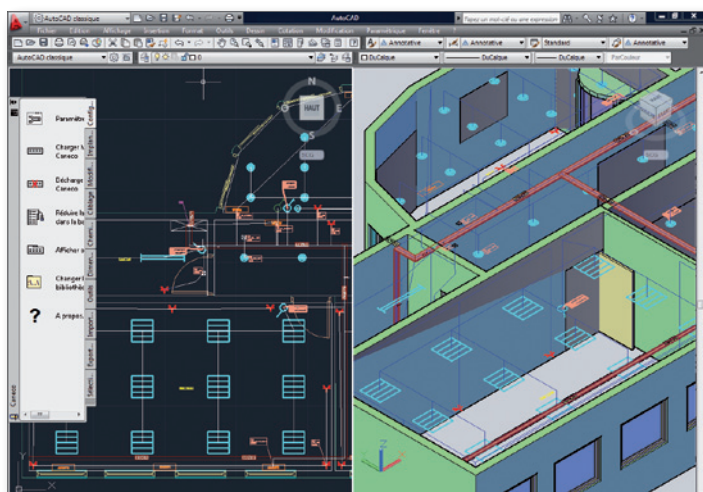**Caneco Implantation** is a software that lets you lay out electrical equipment in 2D or 3D and route power and signals cables automatically.

Designed for all electrical installation fields (residential, tertiary, industrial), **Caneco Implantation** can be used independently or in conjunction with Caneco BT for performing calculations and producing single-line diagrams.

Power and signals equipment is positioned and wired on architect's plans and you can instantly obtain the bills of quantities, device parts lists, cable running schedules, etc.

Laying out electrical equipment
AND AUTOMATIC CABLE ROUTING

Layout

- Convert your AutoCAD® blocks into Caneco electrical devices.
- Make use of your symbol libraries produced in AutoCAD® or Caneco Implantation.
- Directly import luminaires you have laid out in Dialux® after lighting calculations.

Collaboration

- Use graphics platforms:
  - AutoCAD®
  - AutoCAD® MEP
  - Revit® MEP
- Detect conflicts (HVAC, plumbing, architecture, electricity, etc.) using AutoCAD® MEP.
- Simplify verification meetings by following project modifications and developments.
- Optimize collaboration between contractors thanks to AutoCAD® MEP's project manager.

Publishing

- Print out:
  - device parts lists and legends,
  - cable running schedule,
  - overall cable schedule, by cable tray section or cable tray run,
  - cross-section views,
  - cable tray support schedule.
- Automatically generate:
  - single-line distribution diagrams,
  - block diagrams for power and signals distribution,
  - equipment labels,
  - cables runs.

Sizing and calculations

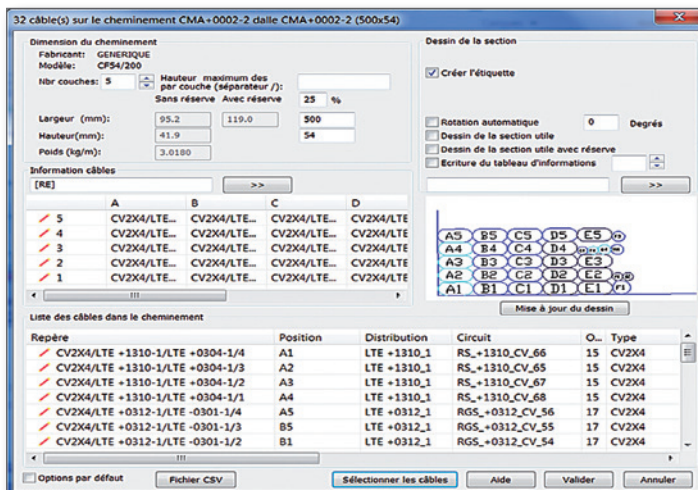Interface your plans produced in Caneco Implantation with Caneco BT via a bidirectional link:

- Caneco Implantation circuits are exported to Caneco BT to size the cable cross-sections and protective devices.
- Your network is automatically optimized. Power circuits are certified by our approved calculation software.
- The cable cross-sections calculated by Caneco BT are directly re-imported back into Caneco Implantation.
- Cable trays etc. are automatically optimized on the layout drawing.

Managing wiring

- Assign terminal devices and terminals to Caneco BT circuits. The cables are routed automatically, taking the optimum route via junction boxes, octopuses, and cable running systems.
- Configure cable segregation rules for cable paths.
- Manage the maximum number of layers of cables in cable paths.
- Produce cross-sectional views of your cable trays automatically.

LEGENDS AND PARTS LISTS IN AUTOCAD

CABLE RUNNING SCHEDULE

4 good reasons for using Caneco Implantation

Caneco Implantation enhances the way AutoCAD® / AutoCAD® MEP / Revit® MEP handle electrical systems by offering:

▶ **More visible control** over the installation via detailed circuit management.

▶ **Optimized sizing results** in electrical calculation software like Caneco BT.

▶ Guaranteed **bidirectional link between Caneco BT cabinet diagram and layout plan**.

▶ **Production of all the documents required** for designing, producing, verifying, and maintaining the installation.

➡ **Using Caneco Implantation, you can reduce design time and improve the quality of your technical files thanks to modification tracking and automation of recurrent actions.**
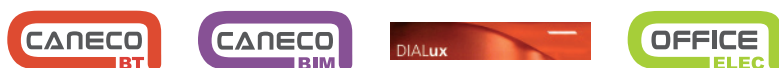
Whom is it intended for?

▶ Design Office technicians.

▶ Project head draughtspersons.

▶ Operators and project owner new construction and maintenance services managers.

Interface software

AutoCAD®   **AutoCAD®**
                 MEP

Additional software

Updating, maintenance

Updates via CD-ROM or download from the ALPI website; ALPI provides phone support for customers with maintenance contracts.

Training

Caneco Implantation is intended for users who are already very familiar with the AutoCAD® or AutoCAD® MEP environment in the electrical field.
In order to use Caneco Implantation to the full, we recommend a two-day training course.

Computer configuration

Environment: Windows 2000, XP, Vista, W7, W8 (32 and 64 bits).

Current AutoCAD® or AutoCAD® MEP or Revit® MEP installed.

4 GB RAM recommended.

Protection via dongle (USB) or FlexLM (network).

ALPI
International electrical design software

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